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INTRODUCTION

NSX & BPX MULTICONTACT CONNECTORS

NSX series (defined by ARINC 600 specification) and BPX series (defined by Boeing S280W551 specification) are multipin rack and panel connectors used to connect high performance aeronautical equipment.

Items in this catalog are covered by French and foreign Patents and/or Patents pending.

These two series manufactured by Radiall show the following characteristics:

- High contact density
- Wide range of contact types and arrangement
- Numerous shell polarization possibilities which give maximum security when mating the equipment in the rack
- Low mating forces
- Separation of power and signal contacts
- EMI/RFI shielding option provided by shell to shell conductivity

Major aircraft manufacturers and equipment manufacturers have been entrusting Radiall for many years using NSX and BPX series.

NSX SERIES (ARINC 600 STANDARD)

Radiall NSX series offers the following versions including a new cost effective solution:

Connectors for **rear removable** contacts:

- NSX N
 - Plug and receptacle connectors.
 - Non-environmental version, inserts without grommet and compound, plugs without groove and O-ring.
- NSX C
 - Plug and receptacle connectors.
 - Non-environmental version, inserts with grommet but without compound, plugs without groove and O-ring.
- NSX E
 - Plug and receptacle connectors.
 - Environmental version, inserts with grommet and compound, plugs with groove and O-ring.
- NSX H
 - Plug connector only.
 - Environmental version, inserts with grommet and compound, plugs without groove and O-ring.

Connectors for **front removable** contacts:

- NSX F
 - Receptacle connectors only.
 - Only signal contacts are Front release/Front Removable (FR/FR), others will be Rear Release/Rear Removable (RR/RR). Non-environmental version, inserts without grommet and compound.
- NSX G
 - Receptacle connectors only.
 - Signal, power, coax, triax and quadrax contacts are FR/FR. Non-environmental version, inserts without grommet and compound.
- NSX K
 - New cost effective solution. 100% RoHS compliant for shell plating selection F and S. Receptacle connectors only.
 - Inserts fully completed with harpooned size 22 contacts. Non-environmental version.

As an option, EMI/RFI features are available to get shell to shell conductivity.

*NWX-Arinc***SHELL**

Radiall NSX series offers three metallic shell sizes fitted with polarization hardware offering 216 polarizing possibilities.

NSX shells answer all requirements with three different platings, all compliant with ARINC 600 standard: alodine, nickel, RoHS.

The plug shell is fitted with inserts for signal (size 22) pin contacts, coax, triax and quadrax socket contacts. The receptacle shell is fitted with inserts for signal socket contacts, coax, triax and quadrax pin contacts.

**INSERTS**

Environmental inserts have a wire sealing grommet on the rear face and compound between insert and shell. The different kinds of inserts available are:

- Insert for rear release rear removable contacts (blue colored on the terminating face).
- Insert for front release front removable contacts (red colored on the mating face).
- Insert for front release rear removable contacts (yellow colored on the mating face).

CONTACTS

A whole range of crimp or PC tail contacts are available with NSX connectors: signal, coax, triax, quadrax or fiber optic contacts. Signal and power contacts were designed to be low insertion force contacts so that they are perfectly orientated into the cavities and contacts are not damaged when insertion is made. Front release and rear release inserts use contact retention system (clips) which meets the ARINC 600 contact retention requirements. This system allows contacts to be removed from the insert using an extraction tool.

NEW COST EFFECTIVE SOLUTION

Radiall is constantly looking for cost saving solutions to answer our customers' expectations. Based on this concept, Radiall proudly introduces:

Inserts with Harpooned Contacts

Discover the new class K available for front removable contacts. They show the following features and benefits:

- Improved pricing stability and reduced dependence on fluctuating gold prices
- Lightweight solution as insert is one piece
- 100% intermateable with any ARINC 600 plug
- 100% backwards compatibility with existing PCB and PGA connectors
- RoHS compliant
- Fully qualified under Arinc 600 specification requirements

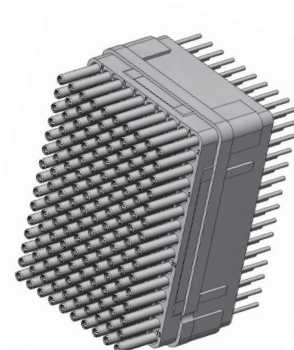
Selective Plating Contacts

A brand new range of PC tail contacts with gold selective plating is now available. They offer the following features and benefits:

- Significant reduction of cost of ownership
- N - more dependence t- gold rate fluctuation
- N - change in the contact integration process

Specifications

- Same contact design as full plated version
- Contact interface gold plated with 1.27 µm
- No impact on PCB design
- Product qualification is available upon request



NWX-Arinc

APPLICATION

These connectors are mostly used to connect high performance aeronautical equipment.

Most of the NSX connectors are used in the main avionics bay on commercial airplanes. Electronic functions are found in an LRU (Line Replaceable Unit).

Refer to Arinc 600 document for more information.



CHARACTERISTICS

TECHNICAL CHARACTERISTICS

DESCRIPTION	MATERIAL	PLATING
Shell	Aluminum Alloy	Chromatation or Nickel
Inserts	Thermosetting or Thermoplastic	-
Metallic Inserts	Aluminum Alloy	Nickel
O-Ring and Grommet	Fluorosilicone	-
Contacts	Copper Alloy	Gold over Nickel
Retention Clip	Copper Alloy	-
Insert Retention Plate	Aluminum Alloy	Blue Anodized or Nickel
Polarization Posts and Keys Retention Plate	Aluminum Alloy	Chromatation or Nickel
Screws Vashers and Clinch-Nuts	Stainless Steel	-
	Steel	Cadmium Yellow Chromate
Polarization Posts and Keys	Zinc Alloy	Nickel

NWX-Arinc

ELECTRICAL CHARACTERISTICS

CONTACT SIZE	WIRE				MAX CURRENT (A)
	AWG	CROSS SECTION (MM²)	OUTSIDE DIA. MM (INCHES)		
			MIN.	MAX.	
22	22	0.38	0.66 (0.026)	1.4 (0.055)	5
	24	0.21			3
	26	0.14			2
20	20	0.60	1 (0.040)	1.8 (0.071)	7.5
	22	0.38			5
	24	0.21			3
16	16	1.34	1.7 (0.066)	2.6 (0.102)	13
	18	0.93			10
	20	0.60			7.5
12	12	3.18	2.4 (0.094)	3.4 (0.134)	23
	14	1.91			17
	16	1.34			13
8	8	9	4.65 (0.183)	6.48 (0.255)	46
	10	5			33

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

- **Temperature Range:** - 65 °C/+125 °C
- **Temperature Life:** 1,000 hours at 125 °C.
- **Salt Spray:** MIL-STD-1344 method 1001.1 test condition B (48 hours).
- **Moisture Resistance:** MIL-STD-1344 method 1002.1 test condition II (10 times 24 hours).
- **Sealing:** environment resistant to running water (environmental version only).
- **Fluid Resistance:** resistance to MIL-STD-1344 method 1016 (fluids a, e, i).
- **Durability:** 500 mating and unmating cycles.
- **Random Vibration:**
 - Conforming to MIL-STD-1344 method 2005.1 test condition 5 letter E. (16.4 g from 50 to 2,000 Hz, 8 hours per direction)
- **Shock:** 50g 11 ms half sine, MIL-STD-1344 method 2004.1 three impacts per direction
- **Mating Force:**
 - Connector size 1: 27 pounds (120 N) max
 - Connector size 2: 60 pounds (267 N) max
 - Connector size 3: 105 pounds (467 N) max

CONTACT RETENTION FORCE

CONTACT SIZE	22	20	16	12	8	COAX TRIAX QUADRIX
Retention Force min (oz)	12	20	25	30	25	25

NWX-Arinc

COAX CONTACTS ELECTRICAL CHARACTERISTICS

- Nominal Impedance: 50Ω
- DWV: 1,500 VAC – IR at 25°C = 5,000 MΩ
- V.S.W.R.: Size 5 → 1.3 from DC to 1,500 MHz and insertion loss = 0.3 dB, Size 1 → 1.3 from DC to 5,000 MHz

MASS G (OZ)**SHELLS**

Includes screws, washers, insert retention plate and polarization hardware.

PLUG			RECEPTACLE		
Size 1	Size 2	Size 3	Size 1	Size 2	Size 3
110 (3.88)	130 (4.59)	220 (7.76)	130 (4.59)	140 (4.94)	245 (8.64)

INSERTS

CONTACT ARRANGEMENT DESIGNATION	FOR PLUG SHELL		FOR RECEPTACLE SHELL	
	ENVIRONMENTAL TYPE	NON-ENVIRONMENTAL TYPE	ENVIRONMENTAL TYPE	NON-ENVIRONMENTAL TYPE
5C2	15.25 (0.54)	12.39 (0.44)	9.92 (0.35)	7.25 (0.26)
40	13.52 (0.48)	11.15 (0.39)	9.22 (0.33)	8.22 (0.29)
60	18.78 (0.66)	15.53 (0.55)	12.78 (0.45)	11.43 (0.40)
30T2	17.86 (0.63)	14.75 (0.52)	11.38 (0.40)	9.36 (0.33)
150	41.80 (1.47)	20.87 (0.74)	28.01 (0.99)	24.32 (0.86)
121	45.93 (1.62)	37.79 (1.33)	29.77 (1.05)	24.53 (0.87)
120T2	41.21 (1.45)	34.12 (1.20)	26.89 (0.95)	23.83 (0.84)
71C1/1C71	31.4 (1.11)	27.7 (0.98)	19.73 (0.70)	18.68 (0.66)
60	58.87 (2.08)	48.97 (1.73)	35.69 (1.26)	25.79 (0.91)
10T10	51.80 (1.83)	45.45 (1.60)	32.76 (1.16)	26.41 (0.93)
C4	-	31.56 (1.11)	-	20.96 (0.74)
C2	-	25.94 (0.91)	-	12.48 (0.44)
100	30.63 (1.08)	25.31 (0.89)	20.56 (0.73)	17.8 (0.63)
85	33.01 (1.16)	27.15 (0.96)	21.67 (0.76)	18.67 (0.66)
34	41.56 (1.47)	34.57 (1.22)	25.06 (0.88)	18.06 (0.64)
13C2	39.96 (1.41)	33.36 (1.18)	24.48 (0.86)	17.89 (0.63)
6T6	41.48 (1.46)	36.52 (1.29)	25.53 (0.90)	31.24 (1.10)
Q11	36.86 (1.30)	31.26 (1.10)	25.07 (0.88)	19.47 (0.69)
62Q2	31.85 (1.12)	26.24 (0.93)	-	13.2 (0.47)
68Q2	31.14 (1.10)	25.64 (0.90)	19.12 (0.67)	16.32 (0.58)
11Q2	37.39 (1.32)	30.88 (1.09)	24.38 (0.86)	17.87 (0.63)

CONTACTS

CONTACT SIZE	PIN	SOCKET
22	0.12 (4 10 ⁻³)	0.15 (5.3 10 ⁻³)
20	0.22 (7.8 10 ⁻³)	0.40 (14.1 10 ⁻³)
16	0.72 (25.4 10 ⁻³)	0.75 (26.5 10 ⁻³)
12	1.50 (53.0 10 ⁻³)	1.50 (53.0 10 ⁻³)
8	619270: 5 (0.18) 619271: 6.5 (0.23)	-

EMI/RFI Performances

EMI/RFI acts directly on electronics systems whether by conduction through the input or input cables or by induction (coupling).

Electronics equipment are particularly vulnerable to interferences and can be disturbed or damaged by them. The serious consequences which may result, make it essential to protect such installations.

The first stage in protection is to install the equipment in a metal surrounding (FARADAY cage) which protects it from some of the interferences; particularly those occurring by induction.

As to meet these requirements RADIALl offers plug connectors for racks which are fitted with ground spring fingers.

Sizes 1, 2 and 3 plugs connectors fitted with ground spring fingers are available. These connectors can be mated with ARINC 600 receptacle connectors. Their technical characteristics are the same than those shown on page 4-8 except the following.

MATERIAL

DESCRIPTION	MATERIAL	PLATING
Shell	Aluminum Alloy	Electroless Nickel
Ground Spring Fingers	Copper Alloy	Electroless Nickel

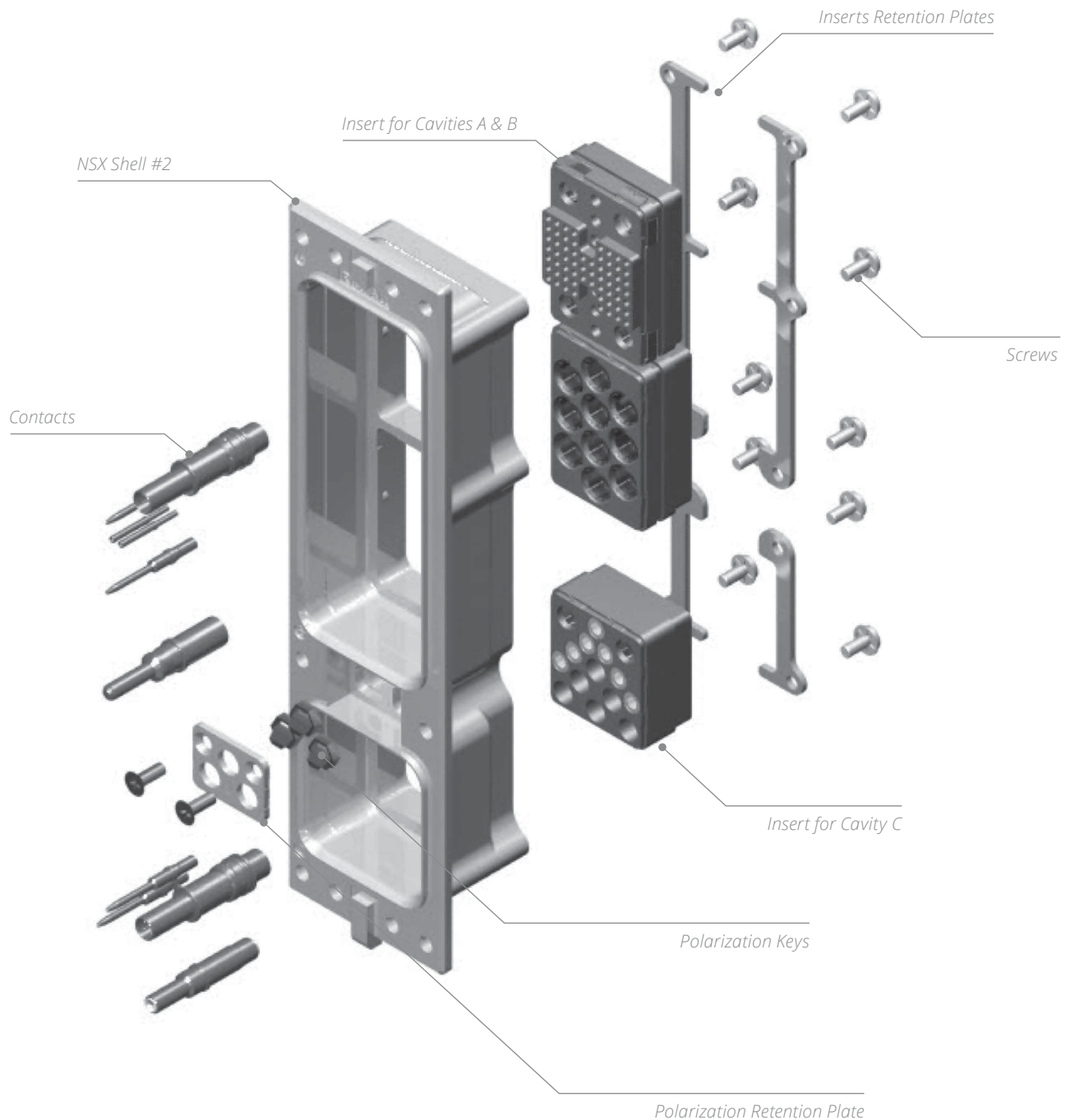
ELECTRICAL CHARACTERISTICS

- **Shell-to-Shell Conductivity:**
 - (measured according to method 3007 of MIL-STD-1344A), max warranty: 2.5 mΩ
- **Size 8 Cavity Grounding:**
 - (measured according to method 3007 of MIL-STD-1344A), max warranty: 10.0 mΩ
- **EMI Shielding Effectiveness:**
 - (measured according to S280W552) The minimum values warranty are as follows: Typical values

FREQUENCY (MHz)	LEAKAGE ATTENUATION (dB)
100	65
200	63
300	63
400	62
800	60
1,000	60

PRODUCT OVERVIEW

Detailed view of the various parts of the NSX connector series.



How to Order

NSX E/N/H/C – CONNECTORS FOR REAR REMOVABLE CONTACTS

NSX

SERIES PREFIX _____

CLASS _____

N: Non-environmental**E:** Environmental, with grommets and compound, plug with O-ring**H:** Environmental, plug without O-ring (plug only)**C:** Non-environmental, with grommets

SHELL SIZE _____

1: Size 1**2:** Size 2**3:** Size 3

SHELL STYLE _____

S: RoHS plated receptacle**T:** RoHS plated plug**R:** Plated receptacle (alodine)**P:** Plated plug (alodine)**F:** Nickel-plated receptacle**B:** Nickel-plated plug**M:** Nickel-plated plug EMI version (see pages 5-70)

INSERT COMBINATION CODE _____

See combination code (pages 5-21 to 5-27) and contacts arrangements (pages 5-11 to 5-20)

T-cas application combination code: 310 (see page 5-24)

CONTACT TERMINATION ^[1] _____**X:** Without contacts**S:** Crimp contacts

MODIFICATION CODE _____

See pages 5-28 to 5-29

POLARIZATION CODE ^[2] _____

See pages 5-30 to 5-32

DELIVERY CODE FOR T-CAS APPLICATION _____

See page 5-41

Notes

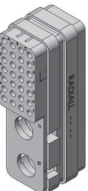
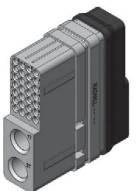
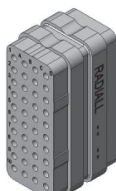
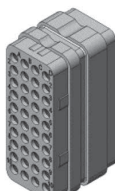
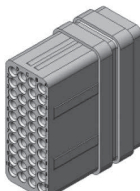
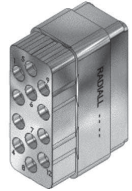
REMARK: dust caps conductive on receptacle and non conductive on plug are included in the delivery.

1. If you need to use reduced crimp barrel contacts, use code X and order signal and power contacts separately. Coax, twinax or power size 5 or 8, coax size 1 must always be ordered separately.
2. Without polarization code, the connector is delivered with polarization hardware unassembled. Polarization code 00, the connector is delivered without polarizing hardware. Polarization code from 01 to 216, the connector is delivered with the polarization hardware assembled as defined by code.

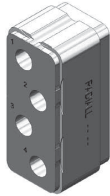
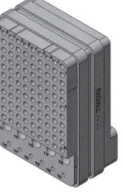
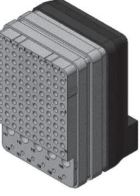
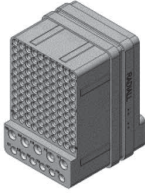
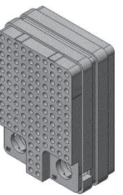
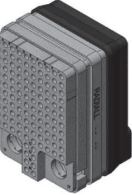
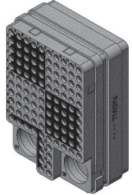
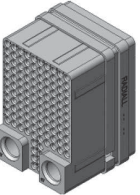
How to Order

NSX SHELL CONTACT ARRANGEMENT

All insert names including letter Q can be equipped with quadrax contacts for each insert arrangement the quantity and type of contacts is shown with insert view. RR/RR means contacts are rear release and rear removable. FR/FR means contacts are front release and front removable. The letter G means that the contact will be used in grounded cavity. LuxCis® contacts are always rear release and rear removable. N/A means not available, please contact Radiall for further details.

INSERT NAME	SHELL SIZE CAVITY	EQUIPMENT SIDE RECEPTACLE SHELL				AVIONIC SIDE PLUG SHELL	
		VERSION N	VERSION E	VERSION F	VERSION G	VERSION N	VERSION E
60	1-A/B	 60 × #22 RR/RR	 60 × #22 RR/RR	 60 × #22 FR/FR	N/A	 60 × #22 RR/RR	 60x#22 RR/RR
30T2	1-A/B	 28 × #22 RR/RR 2 × #8G RR/RR	 28 × #22 RR/RR 2 × #8G RR/RR	 28 × #22 FR/FR 2 × #8G RR/RR	 28 × #22 FR/FR 2 × #8G FR/FR	 28 × #22 RR/RR 2 × #8G RR/RR	 28x#22 RR/RR 2x#8G RR/RR
4C	1-A/B	 4 × #5G RR/RR	N/A	N/A	 4 × #5G FR/FR	 4 × #5G RR/RR	N/A
40	1-C	 40 × #22 RR/RR	 40 × #22 RR/RR	 40 × #22 FR/FR	N/A	 40 × #22 RR/RR	 40 × #22 RR/RR
12F12	1-C	 h12 × #16 RR/RR LuxCis®	 12 × #16 RR/RR LuxCis®	N/A	N/A	 12 × #16 RR/RR LuxCis®	 12 × #16 RR/RR LuxCis®

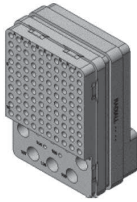
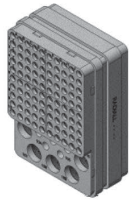
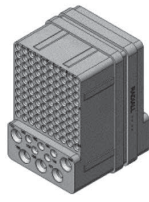
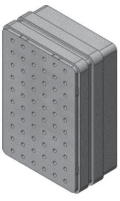
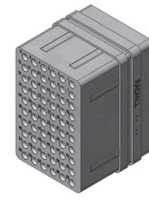
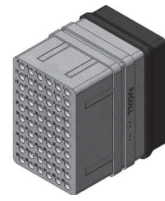
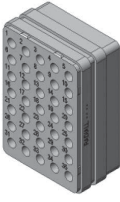
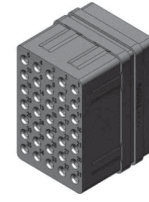
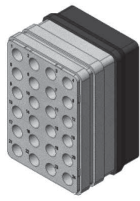
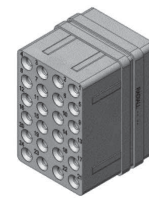
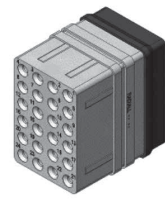
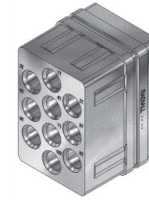
How to Order

INSERT NAME	SHELL SIZE CAVITY	EQUIPMENT SIDE RECEPTACLE SHELL				AVIONIC SIDE PLUG SHELL	
		VERSION N	VERSION E	VERSION F	VERSION G	VERSION N	VERSION E
4	1-C	 4 × #12 RR/RR ⁽¹⁾	Available ⁽¹⁾	N/A	N/A	 4 × #12 RR/RR	 4 × #12 RR/RR
5C2	1-C	 2 × #5 RR/RR 1 × #12 RR/RR 2 × #16 RR/RR	 2 × #5 RR/RR 1 × #12 RR/RR 2 × #16 RR/RR	N/A	 2 × #5 FR/FR 1 × #12 FR/FR 2 × #16 FR/FR	 2 × #5 RR/RR 1 × #12 RR/RR 2 × #16 RR/RR	 2 × #5 RR/RR 1 × #12 RR/RR 2 × #16 RR/RR
150	2/3-A/B	 150 × #22 RR/RR	 150 × #22 RR/RR	 150 × #22 FR/FR	N/A	 150 × #22 RR/RR	 150 × #22 RR/RR
121	2/3-A/B	 110 × #22 RR/RR 6 × #20 RR/RR 5 × #16 RR/RR	 110 × #22 RR/RR 6 × #20 RR/RR 5 × #16 RR/RR	 110 × #22 FR/FR 6 × #20 RR/RR 5 × #16 RR/RR	 110 × #22 FR/FR 6 × #20 FR/FR 5 × #16 FR/FR	 110 × #22 RR/RR 6 × #20 RR/RR 5 × #16 RR/RR	 110 × #22 RR/RR 6 × #20 RR/RR 5 × #16 RR/RR
120T2	2/3-A/B	 118 × #22 RR/RR 2 × #8G RR/RR	 118 × #22 RR/RR 2 × #8G RR/RR	 118 × #22 FR/FR 2 × #8G RR/RR	 118 × #22 FR/FR 2 × #8G FR/FR	 118 × #22 RR/RR 2 × #8G RR/RR	 118 × #22 RR/RR 2 × #8G RR/RR

Notes

1. For BPX series, 4 insert will be supplied with FR/RR contacts.

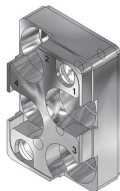
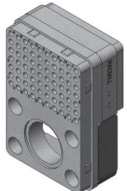
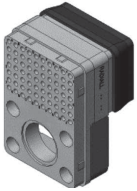
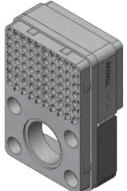
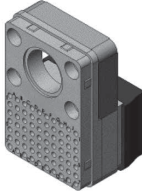
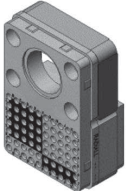
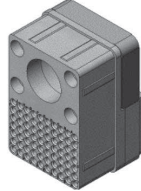
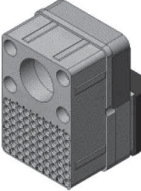
How to Order

INSERT NAME	SHELL SIZE CAVITY	EQUIPMENT SIDE RECEPTACLE SHELL				AVIONIC SIDE PLUG SHELL	
		VERSION N	VERSION E	VERSION F	VERSION G	VERSION N	VERSION E
110	2/3-A/B	 100 × #22 RR/RR 5 × #20 RR/RR 5 × #12 RR/RR	N/A	N/A	 100 × #22 FR/FR 5 × #20 FR/FR 5 × #12 FR/FR	 100 × #22 RR/RR 5 × #20 RR/RR 5 × #12 RR/RR	 100 × #22 RR/RR 5 × #20 RR/RR 5 × #12 RR/RR
60A	2/3-A/B	 60 × #20 RR/RR	 60 × #20 RR/RR	N/A	 60 × #20 FR/FR	 60 × #20 RR/RR	 60 × #20 RR/RR
35	2/3-A/B	 35 × #16 RR/RR	 35 × #16 RR/RR	N/A	 35 × #16 FR/FR	 35 × #16 RR/RR	 35 × #16 RR/RR
24	2/3-A/B	 24 × #12 RR/RR	 24 × #12 RR/RR	N/A	 24 × #12 FR/FR	 24 × #12 RR/RR	 24 × #12 RR/RR
10T10	2/3-A/B	 10 × #8G RR/RR ^[1]	Available ^[1]	N/A	 10 × #8G FR/FR	 10 × #8G RR/RR	 10 × #8G RR/RR

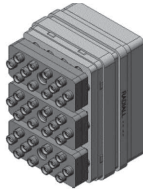
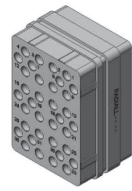
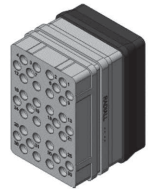
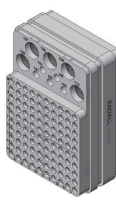
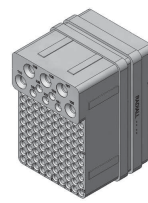
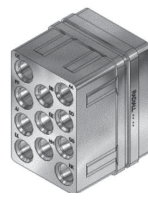
Notes

1. For BPX series, 10T10 insert will be supplied with FR/RR contacts.

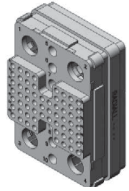
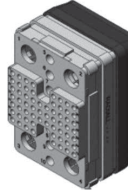
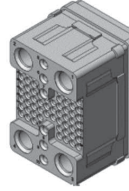
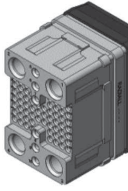
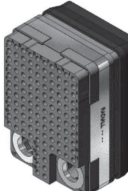
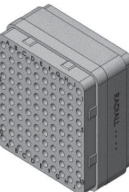
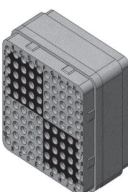
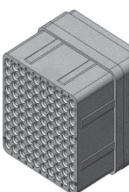
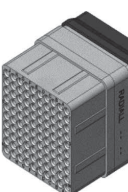
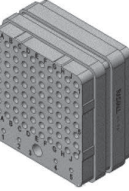
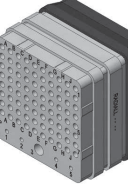
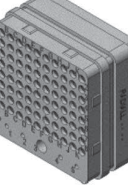
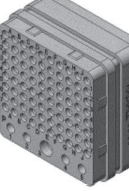
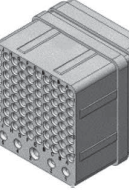
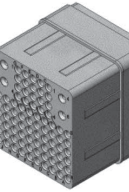
How to Order

INSERT NAME	SHELL SIZE CAVITY	EQUIPMENT SIDE RECEPTACLE SHELL				AVIONIC SIDE PLUG SHELL	
		VERSION N	VERSION E	VERSION F	VERSION G	VERSION N	VERSION E
C4	2/3-A/B	 4 × #1G FR/RR	N/A	N/A	 4 × #1G FR/FR	 4 × #1G FR/RR	N/A
C2	2/3-A/B	 2 × #1G FR/RR	N/A	N/A	N/A	 2 × #1G FR/RR	N/A
71C1	2/3-A/B	 70 × #22 RR/RR 1 × #1 FR/RR	 70 × #22 RR/RR 1 × #1 FR/RR	 70 × #22 RR/RR 1 × #1 FR/RR	N/A	 70 × #22 RR/RR 1 × #1 FR/RR	 70 × #22 RR/RR 1 × #1 FR/RR
1C71	2/3-A/B	 70 × #22 RR/RR 1 × #1 FR/RR	 70 × #22 RR/RR 1 × #1 FR/RR	 70 × #22 FR/FR 1 × #1 FR/RR	N/A	 70 × #22 RR/RR 1 × #1 FR/RR	 70 × #22 RR/RR 1 × #1 FR/RR

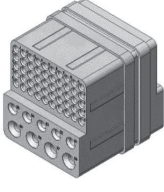
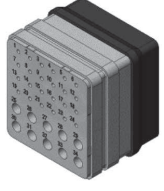
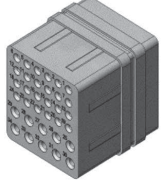
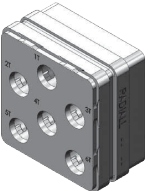
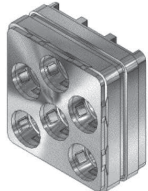
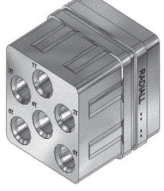
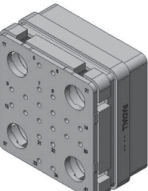
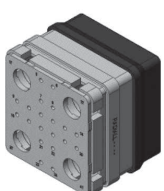
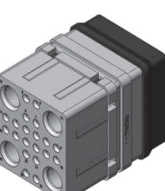
How to Order

INSERT NAME	SHELL SIZE CAVITY	EQUIPMENT SIDE RECEPTACLE SHELL				AVIONIC SIDE PLUG SHELL	
		VERSION N	VERSION E	VERSION F	VERSION G	VERSION N	VERSION E
36F36	2/3-A/B	 36 × #16 RR/RR LuxCis®	 36 × #16 RR/RR LuxCis®	N/A	N/A	 36 × #16 RR/RR LuxCis®	 36 × #16 RR/RR LuxCis®
20F12Q8	2/3-A/B	 12 × #16 RR/RR LuxCis® 8 × #8G RR/RR	 12 × #16 RR/RR LuxCis® 8 × #8G RR/RR	N/A	 12 × #16 RR/RR LuxCis® 8 × #8G FR/FR	 12 × #16 RR/RR LuxCis® 8 × #8G RR/RR	 12 × #16 RR/RR LuxCis® 8 × #8G RR/RR
110R	2/3-A/B	 100 × #22 RR/RR 5#20 RR/RR 5#12 RR/RR	 100 × #22 RR/RR 5#20 RR/RR 5#12 RR/RR	N/A	 100 × #22 FR/FR 5#20 FR/FR 5#12 FR/FR	 100 × #22 RR/RR 5#20 RR/RR 5#12 RR/RR	 100 × #22 RR/RR 5#20 RR/RR 5#12 RR/RR
Q11	2/3-A/B	 11 × #8G RR/RR	 11 × #8G RR/RR	N/A	 11 × #8G FR/FR	 11 × #8G RR/RR	 11 × #8G RR/RR

How to Order

INSERT NAME	SHELL SIZE CAVITY	EQUIPMENT SIDE RECEPTACLE SHELL				AVIONIC SIDE PLUG SHELL	
		VERSION N	VERSION E	VERSION F	VERSION G	VERSION N	VERSION E
68Q4	2/3-A/B	 62 × #22 RR/RR 6 × #16 RR/RR 4 × #8G RR/RR	 62 × #22 RR/RR 6 × #16 RR/RR 4 × #8G RR/RR	N/A	N/A	 62 × #22 RR/RR 6 × #16 RR/RR 4 × #8G RR/RR	 62 × #22 RR/RR 6 × #16 RR/RR 4 × #8G RR/RR
118Q2	2/3-A/B	 118 × #22 RR/RR 2 × #8G RR/RR	 118 × #22 RR/RR 2 × #8G RR/RR	 118 × #22 FR/FR 2 × #8G RR/RR	 118 × #22 FR/FR 2 × #8G FR/FR	 118 × #22 RR/RR 2 × #8G RR/RR	 118 × #22 RR/RR 2 × #8G RR/RR
100	2/3-C	 100 × #22 RR/RR	 100 × #22 RR/RR	 100 × #22 FR/FR	N/A	 100 × #22 RR/RR	 100 × #22 RR/RR
85	2/3-C	 80 × #22 RR/RR 4 × #20 RR/RR 1 × #16 RR/RR	 80 × #22 RR/RR 4 × #20 RR/RR 1 × #16 RR/RR	 80 × #22 FR/FR 4 × #20 RR/RR 1 × #16 RR/RR	 80 × #22 FR/FR 4 × #20 FR/FR 1 × #16 FR/FR	 80 × #22 RR/RR 4 × #20 RR/RR 1 × #16 RR/RR	 80 × #22 RR/RR 4 × #20 RR/RR 1 × #16 RR/RR
84	2/3-C	N/A	N/A	N/A	N/A	 80 × #22 RR/RR 4 × #20 RR/RR	 80 × #22 RR/RR 4 × #20 RR/RR

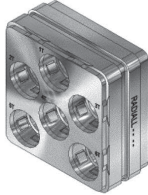
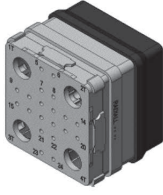
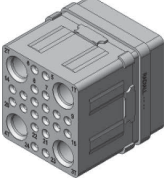
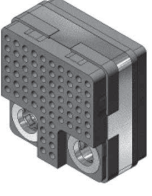
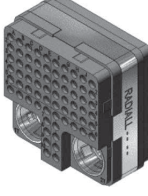
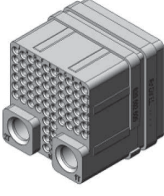
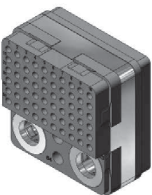
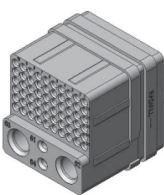
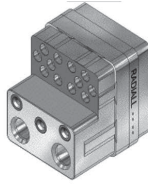
How to Order

INSERT NAME	SHELL SIZE CAVITY	EQUIPMENT SIDE RECEPTACLE SHELL				AVIONIC SIDE PLUG SHELL	
		VERSION N	VERSION E	VERSION F	VERSION G	VERSION N	VERSION E
59	2/3-C	 50 × #22 RR/RR 5 × #16 RR/RR 4 × #12 RR/RR	 50 × #22 RR/RR 5 × #16 RR/RR 4 × #12 RR/RR	 50 × #22 FR/FR 5 × #16 RR/RR 4 × #12 RR/RR	 50 × #22 FR/FR 5 × #16 FR/FR 4 × #12 FR/FR	 50 × #22 RR/RR 5 × #16 RR/RR 4 × #12 RR/RR	 50 × #22 RR/RR 5 × #16 RR/RR 4 × #12 RR/RR
34	2/3-C	 24 × #20 RR/RR 10 × #16 RR/RR	 24 × #20 RR/RR 10 × #16 RR/RR	N/A	 24 × #20 FR/FR 10 × #16 FR/FR	 24 × #20 RR/RR 10 × #16 RR/RR	 24 × #20 RR/RR 10 × #16 RR/RR
6T6	2/3-C	 6 × #8G RR/RR ^[1]	Available ^[1]	N/A	 6 × #8G FR/FR	 6 × #8G RR/RR	 6 × #8G RR/RR
24T4	2/3-C	 20 × #20 RR/RR 4 × #8G RR/RR	 20 × #20 RR/RR 4 × #8G RR/RR	N/A	N/A	 20 × #20 RR/RR 4 × #8G RR/RR	 20 × #20 RR/RR 4 × #8G RR/RR

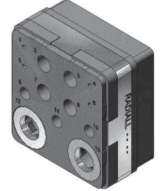
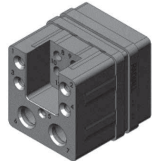
Notes

1. For BPX serie, 6T6 insert will be supplied with FR/RR contacts.

How to Order

INSERT NAME	SHELL SIZE CAVITY	EQUIPMENT SIDE RECEPTACLE SHELL				AVIONIC SIDE PLUG SHELL	
		VERSION N	VERSION E	VERSION F	VERSION G	VERSION N	VERSION E
Q6	2/3-C	 6 × #8G RR/RR	 6 × #8G RR/RR	N/A	 6 × #8G FR/FR	 6 × #8G RR/RR	 6 × #8G RR/RR
20Q4	2/3-C	 20 × #20 RR/RR 4 × #8G RR/RR	 20 × #20 RR/RR 4 × #8G RR/RR	N/A	 20 × #20 FR/FR 4 × #8G FR/FR	 20 × #20 RR/RR 4 × #8G RR/RR	 20 × #20 RR/RR 4 × #8G RR/RR
68Q2	2/3-C	 68 × #22 RR/RR 2 × #8G RR/RR	 68 × #22 RR/RR 2 × #8G RR/RR	N/A	 68 × #22 FR/FR 2 × #8G FR/FR	 68 × #22 RR/RR 2 × #8G RR/RR	 68 × #22 RR/RR 2 × #8G RR/RR
62Q2	2/3-C	 60 × #22 RR/RR 2 × #16 RR/RR 2 × #8G RR/RR	 60 × #22 RR/RR 2 × #16 RR/RR 2 × #8G RR/RR	N/A	 60 × #22 FR/FR 2 × #16 FR/FR 2 × #8G FR/FR	 60 × #22 RR/RR 2 × #16 RR/RR 2 × #8G RR/RR	 60 × #22 RR/RR 2 × #16 RR/RR 2 × #8G RR/RR
17F12Q2	2/3-C	 12 × #16 RR/RR LuxCis® 3 × #16 RR/RR 2 × #8G RR/RR	 12 × #16 RR/RR LuxCis® 3 × #16 RR/RR 2 × #8G RR/RR	N/A	 12 × #16 RR/RR LuxCis® 3 × #16 FR/FR 2 × #8G FR/FR	 12 × #16 RR/RR LuxCis® 3 × #16 RR/RR 2 × #8G RR/RR	 12 × #16 RR/RR LuxCis® 3 × #16 RR/RR 2 × #8G RR/RR

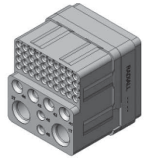
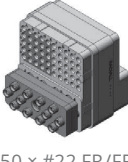
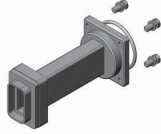
How to Order

INSERT NAME	SHELL SIZE CAVITY	EQUIPMENT SIDE RECEPTACLE SHELL				AVIONIC SIDE PLUG SHELL	
		VERSION N	VERSION E	VERSION F	VERSION G	VERSION N	VERSION E
11Q2	2/3-C	 4 × #20 RR/RR 3 × #16 RR/RR 4 × #12 RR/RR 2 × #8G RR/RR	 4 × #20 RR/RR 3 × #16 RR/RR 4 × #12 RR/RR 2 × #8G RR/RR	N/A	 4 × #20 FR/FR 3 × #16 FR/FR 4 × #12 FR/FR 2 × #8G FR/FR	 4 × #20 RR/RR 3 × #16 RR/RR 4 × #12 RR/RR 2 × #8G RR/RR	 4 × #20 RR/RR 3 × #16 RR/RR 4 × #12 RR/RR 2 × #8G RR/RR
11WQ2	2/3-C	 4 × #20 RR/RR 3 × #16 RR/RR 4 × #12 RR/RR 2 × #8G RR/RR	 4 × #20 RR/RR 3 × #16 RR/RR 4 × #12 RR/RR 2 × #8G RR/RR	N/A	 4 × #20 FR/FR 3 × #16 FR/FR 4 × #12 FR/FR 2 × #8G FR/FR	 4 × #20 RR/RR 3 × #16 RR/RR 4 × #12 RR/RR 2 × #8G RR/RR	 4 × #20 RR/RR 3 × #16 RR/RR 4 × #12 RR/RR 2 × #8G RR/RR
13C2	2/3-C	 4 × #20 RR/RR 3 × #16 RR/RR 4 × #12 RR/RR 2 × #5 RR/RR	 4 × #20 RR/RR 3 × #16 RR/RR 4 × #12 RR/RR 2 × #5 RR/RR	N/A	 4 × #20 FR/FR 3 × #16 FR/FR 4 × #12 FR/FR 2 × #5 FR/FR	 4 × #20 RR/RR 3 × #16 RR/RR 4 × #12 RR/RR 2 × #5 RR/RR	 4 × #20 RR/RR 3 × #16 RR/RR 4 × #12 RR/RR 2 × #5 RR/RR
12F5C2	2/3-C	 1 × #16 RR/RR 5 × #16 RR/RR LuxCis® 4 × #12 RR/RR 2 × #5 RR/RR	 1 × #16 RR/RR 5 × #16 RR/RR LuxCis® 4 × #12 RR/RR 2 × #5 RR/RR	N/A	N/A	 1 × #16 RR/RR 5 × #16 RR/RR LuxCis® 4 × #12 RR/RR 2 × #5 RR/RR	 1 × #16 RR/RR 5 × #16 RR/RR LuxCis® 4 × #12 RR/RR 2 × #5 RR/RR
6P6	2/3-C	 6 × #8 RR/RR ⁽¹⁾	Available ⁽¹⁾	N/A	N/A	 6 × #8 RR/RR	 6 × #8 RR/RR

Notes:

1. For BPX series, 6P6 insert will be supplied with FR/RR contacts.

How to Order

INSERT NAME	SHELL SIZE CAVITY	EQUIPMENT SIDE RECEPTACLE SHELL				AVIONIC SIDE PLUG SHELL	
		VERSION N	VERSION E	VERSION F	VERSION G	VERSION N	VERSION E
15T6Q2	2/3-C	 7 × #16 RR/RR 6 × #10 RR/RR 2 × #8G RR/RR	N/A	N/A	 7 × #16 FR/FR 6 × #10 FR/FR 2 × #8G FR/FR	 7 × #16 RR/RR 6 × #10 RR/RR 2 × #8G RR/RR	N/A
46Q2	2/3-C	 40 × #22 RR/RR 2 × #16 RR/RR 4 × #12 RR/RR 2 × #8G RR/RR	N/A	N/A	 40 × #22 FR/FR 2 × #16 FR/FR 4 × #12 FR/FR 2 × #8G FR/FR	 40 × #22 RR/RR 2 × #16 RR/RR 4 × #12 RR/RR 2 × #8G RR/RR	N/A
62F12	2/3-C	N/A	N/A	 50 × #22 FR/FR 12 × #16 RR/RR LuxCis®	N/A	 50 × #22 RR/RR 12 × #16 RR/RR LuxCis®	 50 × #22 RR/RR 12 × #16 RR/RR LuxCis®
WAVE GUIDE	2 - A&B	 Wave Guide Equipment Side				 Wave Guide Avionic Side	

How to Order

INSERT COMBINATION CODE FOR SHELL SIZE 1

CODE	INSERT COMBINATION ON SHELL		
	CAVITY A	CAVITY B	CAVITY C
101	60	60	5C2
102	60	60	BLANK
103	BLANK	60	5C2
104	60	BLANK	5C2
105	BLANK	BLANK	5C2
106	60	BLANK	BLANK
107	30T2	30T2	40
108	60	60	40
109	BLANK	60	BLANK

CODE	INSERT COMBINATION ON SHELL		
	CAVITY A	CAVITY B	CAVITY C
111	BLANK	30T2	40
112	60	4C	5C2
113	60	4C	40
114	60	BLANK	40
115	BLANK	BLANK	BLANK
116	4C	60	40
117	BLANK	BLANK	40
118	60	30T2	5C2
119	30T2	BLANK	5C2

CODE	INSERT COMBINATION ON SHELL		
	CAVITY A	CAVITY B	CAVITY C
120	60	30T2	40
121	4C	4C	40
122	30T2	60	5C2
123	60	60	12F12
124	4C	BLANK	12F12
125	BLANK	BLANK	12F12

FOR SHELL SIZE 2

CODE	INSERT COMBINATION ON SHELL		
	CAVITY A	CAVITY B	CAVITY C
201	150	150	13C2
202	71C1	150	13C2
203	71C1	71C1	13C2
204	Wave Guide	150	13C2
205	150	71C1	13C2
206	150	150	100
207	71C1	150	100
208	150	71C1	100
209	71C1	71C1	100
210	Wave Guide	71C1	100
211	150	150	BLANK
212	71C1	71C1	BLANK
213	71C1	Wave Guide	13C2
214	Wave Guide	71C1	13C2
215	150	73C3	13C2
216	C2	1C71	85
217	150	C5	13C2
218	150	Wave Guide	13C2
219	150	2C	13C2
220	71C1	C2	85
221	1C71	71C1	13C2
222	BLANK	150	13C2
223	BLANK	BLANK	13C2
224	150	BLANK	13C2
225	150	71C1	BLANK
226	150	150	85
227	150	150	34
228	C4	150	13C2
229	120T2	120T2	100

CODE	INSERT COMBINATION ON SHELL		
	CAVITY A	CAVITY B	CAVITY C
230	121	121	6T6
233	120T2	150	100
234	60A	60A	13C2
235	150	C4	34
236	C4	C4	34
237	150	120T2	100
243	150	BLANK	100
244	150	BLANK	BLANK
245	71C1	71C1	85
246	71C1	BLANK	BLANK
247	BLANK	150	85
248	BLANK	150	100
249	BLANK	150	BLANK
250	BLANK	71C1	BLANK
251	BLANK	BLANK	100
252	BLANK	Wave Guide	100
253	C2	150	13C2
254	C2	1C71	100
255	C2	1C71	13C2
256	C2	71C1	13C2
257	C2	C2	13C2
258	-	-	-
259	C4	C4	85
260	Wave Guide	150	85
261	Wave Guide	150	100
262	150	60A	34
264	BLANK	24	100
265	24	150	13C2
266	121	121	85

CODE	INSERT COMBINATION ON SHELL		
	CAVITY A	CAVITY B	CAVITY C
268	60A	121	59
270	150	150	59
271	C4	120T2	13C2
272	150	150	24T4
273	150	C2	13C2
274	C2	71C1	85
275	121	60A	34
276	121	BLANK	100
277	1C71	150	13C2
278	71C1	1C71	13C2
279	150	121	13C2
280	120T2	121	34
281	150	121	34
282	C4	BLANK	13C2
283	150	60A	13C2
284	120T2	120T2	13C2
285	24	60A	100
286	60A	60A	34
287	BLANK	60A	100

How to Order

FOR SHELL SIZE 2

CODE	INSERT COMBINATION ON SHELL		
	CAVITY A	CAVITY B	CAVITY C
288	BLANK	121	BLANK
289	BLANK	BLANK	85
290	150	121	100
291	121	150	100
292	121	121	BLANK
294	121	121	13C2
295	Q11	Q11	85
297	120T2	60A	BLANK
298	121	60A	BLANK
299	BLANK	BLANK	59
501	24	60A	59
502	121	Q11	Q6
503	150	BLANK	11Q2
504	150	BLANK	34
505	Q11	BLANK	34
506	150	150	11Q2
507	150	150	68Q2
508	24	24	100
509	150	Q11	13C2
510	121	121	100
511	24	150	100
512	Q11	Q11	62Q2
513	Q11	Q11	34
514	BLANK	60A	34
515	BLANK	BLANK	BLANK
516	121	121	34
517	BLANK	120T2	13C2
518	Q11	BLANK	62Q2
519	Q11	Q11	68Q2
520	150	121	24T4
521	Q11	150	62Q2
522	20F12T8	120T2	13C2
524	120T2	120T2	11Q2
527	120T2	120T2	85

CODE	INSERT COMBINATION ON SHELL		
	CAVITY A	CAVITY B	CAVITY C
528	150	150	11WQ2
529	35	35	62Q2
530	24	BLANK	85
532	20F12T8	121	34
533	120T2	C4	24T4
534	BLANK	Q11	85
535	150	35	24T4
536	BLANK	150	24T4
537	118Q2	118Q2	24T4
538	150	120T2	13C2
539	Q11	Q11	BLANK
540	120T2	C4	13C2
541	1C71	Q11	13C2
542	121	C4	Q6
543	120T2	Q11	13C2
544	120T2	120T2	24T4
545	C4	Q11	85
546	121	60A	100
547	BLANK	150	20Q4
548	150	35	20Q4
551	121	118Q2	24T4
552	150	Q11	11Q2
554	BLANK	118Q2	13C2
555	BLANK	71C1	13C2
556	BLANK	BLANK	62Q2
557	BLANK	Q11	62Q2
558	BLANK	Q11	BLANK
559	150	150	20Q4
560	150	Q11	85
561	150	120T2	85
562	121	BLANK	BLANK
563	24	24	34
564	BLANK	BLANK	34
565	150	24	34

CODE	INSERT COMBINATION ON SHELL		
	CAVITY A	CAVITY B	CAVITY C
566	150	121	BLANK
567	150	118Q2	BLANK
569	118Q2	118Q2	BLANK
570	Q11	150	11Q2
571	150	118Q2	13C2
572	150	C4	13C2
573	150	24	13C2
574	150	121	59
575	60A	150	34
576	150	150	Q6
577	1C71	118Q2	12F5C2
578	150	121	20Q4
579	C4	118Q2	85
580	150	BLANK	59
581	118Q2	118Q2	20Q4
582	BLANK	71C1	11Q2
584	121	121	59
585	20F12Q8	BLANK	11Q2
586	150	Q11	34
587	150	118Q2	85
588	Q11	Q11	11Q2
590	BLANK	Q11	Q6
591	20F12T8	150	100
592	BLANK	BLANK	11Q2
593	20F12Q8	121	BLANK
594	C	118Q2	85
596	BLANK	118Q2	11WQ2
597	150	121	Q6
598	20F12Q8	118Q2	13C2
599	C4	24	100
801	C4	Q11	59
802	BLANK	120T2	24T4
803	Q11	20F12Q8	11Q2
804	Q11	20F12Q8	17F12Q2
806	C4	60A	59
807	Q11	150	85
809	C4	C4	59

How to Order

FOR SHELL SIZE 2

CODE	INSERT COMBINATION ON SHELL		
	CAVITY A	CAVITY B	CAVITY C
810	Q11	Q11	13C2
811	150	150	12F5C2
812	60A	C2	13C2
813	BLANK	Q11	13C2
814	120T2	150	13C2
815	60A	35	24T4
817	20F12Q8	Q11	62Q2
818	60A	C2	24T4
819	60A	24	34
820	Q11	121	BLANK
822	Q11	35	100
823	20F12T8	118Q2	13C2
824	20F12Q8	BLANK	BLANK
825	20F12T8	BLANK	BLANK
826	150	20F12Q8	34
827	Q11	150	59
828	150	BLANK	85
829	120T2	BLANK	85
830	118Q2	120T2	BLANK

CODE	INSERT COMBINATION ON SHELL		
	CAVITY A	CAVITY B	CAVITY C
831	120T2	120T2	BLANK
832	Q11	121	100
833	150	150	17F12Q2
834	110R	150	17F12Q2
835	121	121	11Q2
838	Q11	BLANK	68Q2
839	60A	BLANK	34
840	150	110	11Q2
841	150	110	34
842	71C1	118Q2	12F5C2
843	110	110	BLANK
844	150	121	62F12
845	150	20F12Q8	13C2
846	C4	150	62F12
847	C4	150	11Q2
848	24	150	6Q6
849	150	150	10
850	150	110	13C2
851	36F36	150	85

CODE	INSERT COMBINATION ON SHELL		
	CAVITY A	CAVITY B	CAVITY C
852	150	121	11Q2
853	118Q2	150	11Q2
854	20F12Q8	118Q2	59
855	20F12Q8	Q11	100
856	BLANK	110	13C2
857	BLANK	36F36	BLANK
858	118Q2	118Q2	11Q2
859	150	36F36	13C2
860	150	118Q2	11Q2
861	118Q2	118Q2	59
862	150	118Q2	62Q2
863	Q11	Q11	17F12Q2
864	150	Q11	46Q2
865	118Q2	150	13C2
866	121	110	13C2
867	C4	C2	BLANK
868	150	118Q2	24T4

How to Order

FOR SHELL SIZE 3

CODE	INSERT COMBINATION ON SHELL					
	CAVITY A	CAVITY B	CAVITY C	CAVITY D	CAVITY E	CAVITY F
301	150	150	13C2	150	150	13C2
302	150	150	100	150	150	13C2
303	150	150	13C2	150	150	100
304	150	150	100	150	150	100
305	150	150	BLANK	150	150	BLANK
306	150	71C1	13C2	150	71C1	13C2
307	71C1	71C1	13C2	71C1	71C1	13C2
308	C2	C2	13C2	C2	150	100
309	150	150	13C2	150	71C1	100
310	C4	C4	13C2	BLANK	150	100
311	150	150	85	150	150	85
312	BLANK	BLANK	13C2	BLANK	BLANK	13C2
313	BLANK	BLANK	13C2	BLANK	BLANK	100
314	BLANK	BLANK	13C2	BLANK	150	100
315	150	150	13C2	150	150	BLANK
316	24	BLANK	13C2	150	150	BLANK
317	120T2	150	34	120T2	150	34
320	150	60A	100	150	60A	100
321	150	150	100	150	BLANK	BLANK
322	150	150	100	150	150	34
323	150	150	100	71C1	71C1	100
324	150	150	100	C2	BLANK	BLANK
325	150	150	13C2	C2	C2	13C2
326	150	71C1	100	150	150	100
327	150	71C1	100	150	150	13C2
328	C2	C2	13C2	150	150	13C2
329	C2	C2	13C2	C4	150	100
330	C4	C4	13C2	BLANK	BLANK	BLANK
331	71C1	150	100	150	150	100
332	C4	C4	13C2	C4	C4	85
333	71C1	71C1	100	71C1	71C1	100
334	71C1	71C1	BLANK	71C1	71C1	BLANK
335	71C1	C4	100	71C1	C4	100
336	BLANK	150	13C2	BLANK	150	13C2
337	BLANK	BLANK	100	BLANK	BLANK	13C2
338	C2	150	100	150	150	100
339	C2	C2	100	C2	C2	100
340	C2	C2	13C2	C2	C2	13C2
341	C4	C4	100	C4	C4	100
342	C4	C4	13C2	C4	C4	13C2

Notes

NSX T CAS connectors (insert code combination 310) are installed on equipment for use on T CAS (Traffic Collision Avoidance Systems)

C4 insert uses size 1 RF coaxial contacts (See page 5-42)

How to Order

FOR SHELL SIZE 3

CODE	INSERT COMBINATION ON SHELL					
	CAVITY A	CAVITY B	CAVITY C	CAVITY D	CAVITY E	CAVITY F
343	BLANK	150	100	150	150	13C2
344	24	150	13C2	24	150	13C2
345	60A	24	BLANK	60A	24	BLANK
346	150	24	100	150	150	34
348	C4	120T2	100	150	150	13C2
350	150	120T2	100	150	120T2	59
351	150	150	34	150	150	34
352	24	24	100	24	24	34
353	150	150	59	150	150	59
354	150	150	34	150	24	100
355	C4	150	13C2	BLANK	150	13C2
356	150	150	100	60A	60A	100
357	C4	C4	13C2	150	150	100
358	C4	C4	13C2	121	150	100
359	121	121	13C2	121	121	13C2
360	150	150	6T6	24	24	13C2
361	150	BLANK	13C2	150	150	BLANK
362	24	24	34	150	121	34
363	150	150	59	24	60A	59
364	60A	24	59	150	150	59
365	24	60A	100	24	60A	100
366	150	150	84	150	150	100
367	150	150	59	120T2	120T2	100
368	150	150	59	150	150	34
369	150	150	59	150	150	100
370	60A	60A	100	60A	60A	100
371	C4	C4	13C2	C2	150	100
372	150	150	BLANK	121	BLANK	13C2
373	150	150	13C2	120T2	120T2	100
374	150	150	68Q2	150	150	68Q2
375	150	150	100	150	150	68Q2
376	150	150	68Q2	150	150	BLANK
377	120T2	150	13C2	120T2	150	100
378	Q11	150	13C2	150	150	13C2
379	60A	150	34	150	150	34
380	C4	120T2	11Q2	C4	120T2	13C2
381	C4	120T2	11Q2	C4	120T2	11Q2
382	150	150	11Q2	150	150	11Q2
383	150	150	BLANK	Q11	150	85
384	Q11	150	85	150	150	BLANK

How to Order

FOR SHELL SIZE 3

CODE	INSERT COMBINATION ON SHELL					
	CAVITY A	CAVITY B	CAVITY C	CAVITY D	CAVITY E	CAVITY F
387	Q11	Q11	62Q2	Q11	Q11	62Q2
388	Q11	Q11	Q6	Q11	Q11	62Q2
389	Q11	150	11Q2	150	150	68Q2
390	150	150	11Q2	BLANK	BLANK	BLANK
393	BLANK	BLANK	13C2	150	BLANK	BLANK
394	BLANK	BLANK	13C2	150	BLANK	13C2
395	Q11	Q11	100	Q11	Q11	100
396	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK
397	Q11	Q11	11Q2	Q11	150	11Q2
398	150	120T2	85	150	120T2	85
399	121	BLANK	6T6	60A	BLANK	13C2
601	60A	60A	13C2	60A	60A	13C2
602	Q11	150	11Q2	150	150	11Q2
603	24	BLANK	13C2	BLANK	BLANK	13C2
604	150	150	BLANK	150	150	100
605	150	Q11	11Q2	150	Q11	68Q2
607	24	24	13C2	24	24	100
608	24	24	13C2	24	24	68Q2
609	150	150	34	150	120T2	13C2
610	150	150	34	150	Q11	13C2
611	BLANK	150	13C2	BLANK	150	100
613	Q11	150	68Q2	150	150	13C2
614	150	150	100	BLANK	BLANK	BLANK
615	150	150	100	150	150	59
616	150	150	13C2	60A	120T2	34
617	60A	120T2	13C2	60A	120T2	13C2
618	150	150	Q6	150	150	Q6
619	Q11	Q11	11Q2	150	150	100
620	24	24	34	24	BLANK	34
621	150	150	34	150	60A	34
622	120T2	150	100	120T2	150	100
623	C4	C4	34	C4	C4	BLANK
624	150	150	13C2	60A	60A	34
626	C4	C4	13C2	120T2	150	100
627	C4	120T2	BLANK	C4	120T2	11Q2

How to Order

FOR SHELL SIZE 3

CODE	INSERT COMBINATION ON SHELL					
	CAVITY A	CAVITY B	CAVITY C	CAVITY D	CAVITY E	CAVITY F
629	C4	120T2	17F12Q2	C4	120T2	11Q2
630	C4	C4	BLANK	C4	C4	34
631	BLANK	150	13C2	BLANK	Q11	BLANK
632	BLANK	150	13C2	150	150	68Q2
633	150	150	100	Q11	Q11	11Q2
634	150	120T2	34	150	120T2	34
635	Q11	121	11Q2	Q11	121	11Q2
636	150	150	11Q2	150	150	100
637	BLANK	150	11Q2	150	150	68Q2
638	Q11	150	62Q2	Q11	150	62Q2
639	Q11	121	13C2	Q11	121	13C2
641	150	150	BLANK	150	150	13C2
642	121	60A	59	121	60A	13C2
643	Q11	Q11	Q6	Q11	Q11	Q6
644	150	Q11	34	Q11	Q11	34
645	150	150	11Q2	150	150	BLANK
646	150	BLANK	13C2	150	BLANK	BLANK
647	C4	120T2	17F12Q2	C4	120T2	13C2
648	BLANK	BLANK	17F12Q2	BLANK	BLANK	BLANK
649	150	150	15T6Q2	150	150	15T6Q2
651	Q11	118Q2	59	Q11	118Q2	59
652	121	121	34	121	121	34
653	C4	C4	13C2	C4	150	100
654	C4	150	62F12	C4	150	11Q2
655	36F36	150	11Q2	150	150	68Q2
656	71C1	71C1	85	71C1	71C1	85
657	Q11	Q11	34	120T2	150	13C2
660	C4	BLANK	BLANK	150	BLANK	13C2
661	Q11	Q11	85	Q11	Q11	85
662	BLANK	BLANK	13C2	150	150	100
664	Q11	Q11	100	118Q2	Q11	34

How to Order

MODIFICATION CODE

CODE	RECEPTACLE SHELL	PLUG SHELL
00	Ø 3.76 Ø (0.148) All Holes	Ø 3.76 Ø (0.148) All Holes
01	Shell Size 1: Qty = 4 6-32 UNC & Qty = 6 4-40 UNC Shell Size 2: Qty = 6 6-32 UNC Shell Size 3: Qty = 10 6-32 UNC	6-32 UNC Shell Size 1: Qty = 4 Shell Size 2: Qty = 4 Shell Size 3: Qty = 8 Size 1 Plug is Without Threaded Inserts
03	Shell Size 1: Qty = 6 4-40 UNC 2B & Qty = 3 Holes Ø 3.05 (0.120) Shell Size 2: Qty = 6 & Qty = 4 Holes Ø 3.76 (0.148) Shell Size 3: Qty = 10 & Qty = 4 Holes Ø 3.76 (0.148)	Shell Size 1 Plug is Without Threaded Inserts Shell Size 1: Qty = 4 4-40 UNC Shell Size 2: Qty = 4 4-40 UNC & Qty = 6 Holes Ø 3.76 (0.148) Shell Size 3: Qty = 8 & Qty = 6 Holes Ø 3.76 (0.148)
08	4-40 UNC All Holes Shell Sizes 2 and 3 Only	4-40 UNC All Holes Shell Sizes 2 and 3 Only
09	6-32 UNC All Holes Shell Sizes 2 and 3 Only	6-32 UNC All Holes Shell Sizes 2 and 3 Only
10	M3 x 0.50 All Holes Shell Size 1 Receptacle is Without Threaded Inserts	M3 x 0.50 All Holes Shell Size 1 Plug is Without Threaded Inserts