

NSX F – CONNECTOR FOR FRONT REMOVABLE CONTACTS

HOW TO ORDER

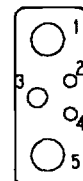
	NSX	F	3	R	301	Y	00	01
Series _____								
Class _____								
F: receptacle connectors, non environmental. For this version, the size 22 contacts cavities only are for front release front release front removable contacts. Signal contacts defined by termination code are delivered installed. Power contacts (size 20, 16, 12) are delivered with crimp termination. Coaxial and twinax contacts are to be ordered separately.								
G: receptacle connectors, non environmental. For this version, signal (size 22), power (size 20, 16, 12), size 5 coaxial and size 8 coaxial or triaxial contact cavities are for front removable contacts. Size 1 coaxial contacts remain front release/rear removable. Signal and power contacts are delivered installed. Coaxial and twinax contacts are to be ordered separately.								
Shell size _____								
1: size 1								
2: size 2								
3: size 3								
Shell style _____								
R: Alodine 1200 plated receptacle								
F: Nickel plated receptable								
Insert combination code (see note 1) _____								
Contacts termination _____								
X: without contacts								
K: wire wrap contact, 1 level (1 = .272)								
V: wire wrap contact, 2 levels (1 = .390)								
W: wire wrap contact, 3 levels (1 = .524)								
L: wire wrap contact, 3 levels (1 = .660)								
Y: solder tail contact .025 dia length = .250								
YA: solder tail contact .025 dia length = .150								
YB: solder tail contact .025 dia length = .375								
YC: solder tail contact .025 dia length = .500								
Modification code _____								
See pages 19 to 21								
Polarization code (see note 3) _____								
See pages 17 and 18								

Note:

- See insert combinaison codes on pages 66 and 67 and contact arrangements on pages 67 to 71.
 For F version, contact arrangements concerned are the following : 40, 60 30T2, 71C1, 1C71, 85, 100, 150.
 For G version, contact arrangements concerned are the following : 5C2, 6T6, 10T10, 13C2, 40, 60, 30T2, 71C1, 1C71, 100, 120T2, 121, 150.
- For F version, contact termination code is attributable to signal contacts (size 22) only.
 For G version, contact termination code is attributable to signal contacts (size 22) and to power contacts (size 20, 16, 12) (Power contacts are offered in solder tail version only).
- Without termination code, the connector is delivered 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 the code.

NSX F – CONTACT ARRANGEMENTS FOR FRONT REMOVABLE CONTACTS SIZE 1 RECEPTACLE

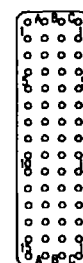
CAVITY: C		
NUMBER OF CONTACTS	CONTACT SIZE	LOCATION
2	5 (Coax)	1 and 5
1	12	3
2	16	2 and 4

**5C2**

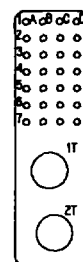
CAVITY: C		
NUMBER OF CONTACTS	CONTACT SIZE	LOCATION
40	22	A1 to D10

**40**

CAVITY: A and B		
NUMBER OF CONTACTS	CONTACT SIZE	LOCATION
60	22	A1 to D15

**60**

CAVITY: A and B		
NUMBER OF CONTACTS	CONTACT SIZE	LOCATION
28	22	A1 and D7
2	8 (Twinax)	1T and 2T

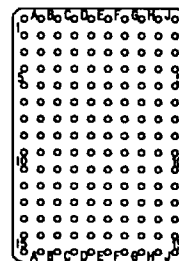
**30T2**

Note: Also available with rear release rear removable size 8 contacts.

For specific contact arrangements, consult RADIALL

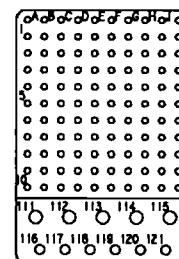
NSX F – CONTACT ARRANGEMENTS FOR FRONT REMOVABLE CONTACTS SIZE 2 AND 3 RECEPTACLE

CAVITY: A, B, D, E		
NUMBER OF CONTACTS	CONTACT SIZE	LOCATION
150	22	A1 to K15



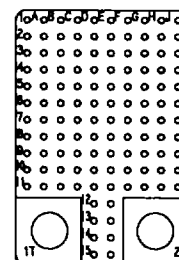
150

CAVITY: A, B, D, E		
NUMBER OF CONTACTS	CONTACT SIZE	LOCATION
5	16	111 to 115
6	20	116 to 121
110	22	A1 to K11



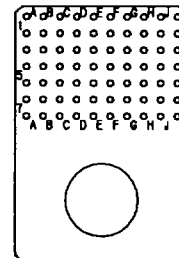
121

CAVITY: A, B, D, E		
NUMBER OF CONTACTS	CONTACT SIZE	LOCATION
2	8 (Twinax)	1T and 2T
118	22	A1 to K11 and E12 to E15 and F12 to F15



120T2

CAVITY: A, B, D, E		
NUMBER OF CONTACTS	CONTACT SIZE	LOCATION
1	1 (Coax)	71
70	22	A1 to K7



71C1

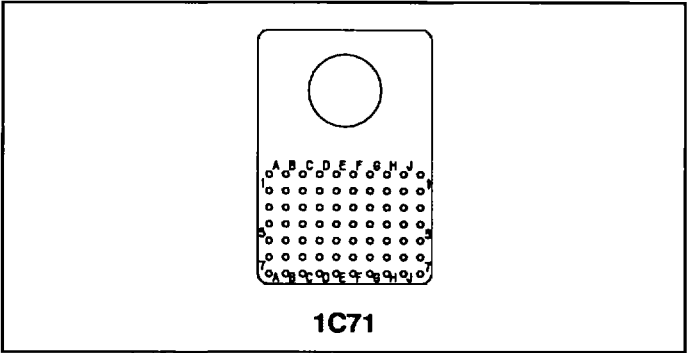
Note: Coax contact is front release, rear removable

For specific contact arrangements, consult RADIALL

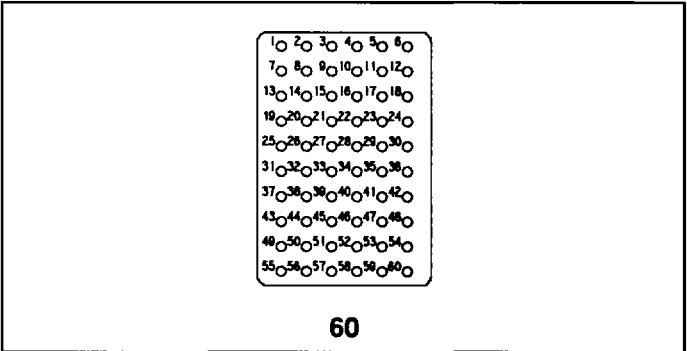
NSX F – CONTACT ARRANGEMENTS FOR FRONT REMOVABLE CONTACTS
SIZE 2 AND 3 RECEPTACLE (continued)

CAVITY: A, B, D, E		
NUMBER OF CONTACTS	CONTACT SIZE	LOCATION
1	1 (Coax)	71
70	22	A1 to K7

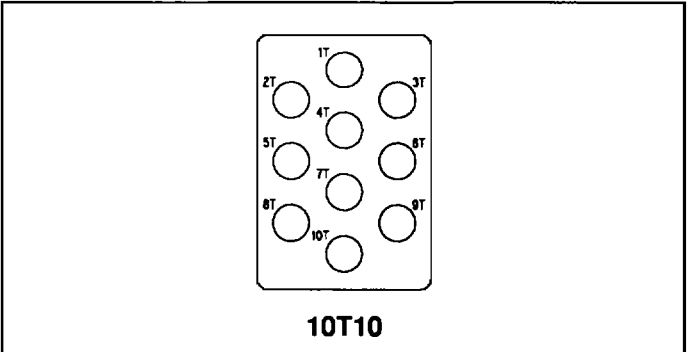
Note: Coax contact is front release, rear removable



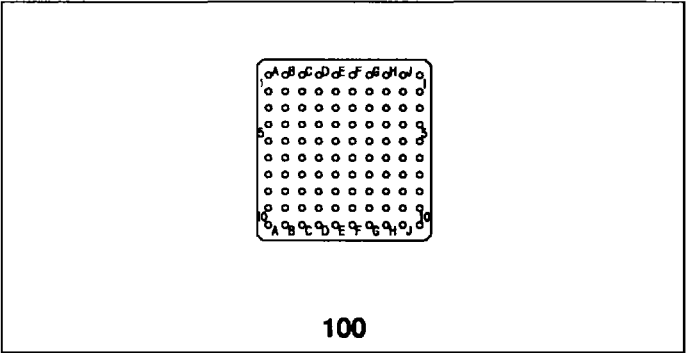
NUMBER OF CONTACTS	CONTACT SIZE	LOCATION
60	20	1 to 60



CAVITY: A, B, D, E		
NUMBER OF CONTACTS	CONTACT SIZE	LOCATION
10	8 (Twinax)	1T to 10T



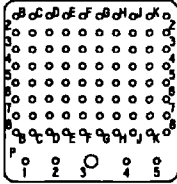
CAVITY: C, F		
NUMBER OF CONTACTS	CONTACT SIZE	LOCATION
100	22	A1 and K10



For specific contact arrangements, consult RADIALL

NSX F – CONTACT ARRANGEMENTS FOR FRONT REMOVABLE CONTACTS
SIZE 2 AND 3 RECEPTACLE (continued)

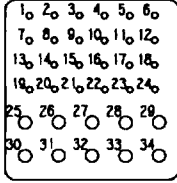
CAVITY: C, F		
NUMBER OF CONTACTS	CONTACT SIZE	LOCATION
1	16	3
4	20	1, 2, 4 and 5
80	2	A1 to K8



Available only with rear release rear removable power contacts

85

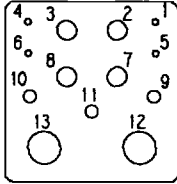
CAVITY: C, F		
NUMBER OF CONTACTS	CONTACT SIZE	LOCATION
10	16	25 to 34
24	20	1 to 24



Available for plug and receptacle shell

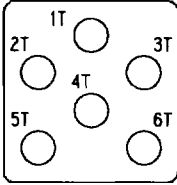
34

CAVITY: C, F		
NUMBER OF CONTACTS	CONTACT SIZE	LOCATION
2	5 (Coax)	12 and 13
4	12	2, 3, 7 and 8
3	16	9, 10 and 11
4	20	1, 4, 5 and 6



13C2

CAVITY: A, B, D, E		
NUMBER OF CONTACTS	CONTACT SIZE	LOCATION
6	8 (Twinax)	1T to 6T



6T6

Note: This insert is metallic.

For specific contact arrangements, consult RADIAL.

NSX F – FRONT REMOVABLE SOLDER TAIL CONTACTS

SIZE 22 SOCKET CONTACTS

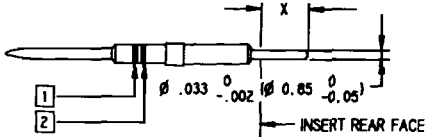
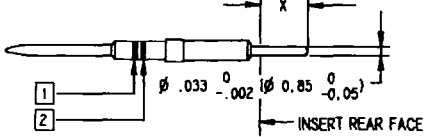
PART NUMBER	CONTACT TERMINATION	DIMENSION X- mm (inch)	INS/EXT TOOL	COLOR BAND 1	COLOR BAND 2	FIGURE
620 360	YA	4.20 ± 0.4 (.150/.181)	282 500	orange	green	
620 361	Y	6.80 ± 0.4 (.252/.283)	282 500	orange	green	
620 362	YB	9.9 ± 0.4 (.374/.406)	282 500	orange	green	
620 363	YC	13.20 ± 0.4 (.504/.535)	282 500	orange	green	

SIZE 20 PIN CONTACTS

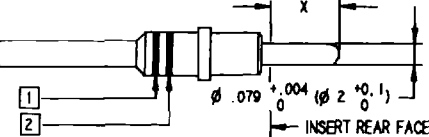
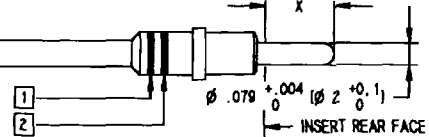
PART NUMBER	CONTACT TERMINATION	DIMENSION X mm (inch)	INS/EXT TOOL	COLOR BAND 1	COLOR BAND 2	E DIA mm (inch)	FIGURE
620 214 003	YB	9.9 ± 0.4 (.374/.405)	282 503	orange	red	0.81 ± 0.05 (.030/.034)	
620 214 010	Y	6.8 ± 0.4 (.252/.283)	282 503	orange	red	0.81 ± 0.05 (.030/.034)	

NSX F – FRONT REMOVABLE SOLDER TAIL CONTACTS (continued)

SIZE 16 PIN CONTACTS

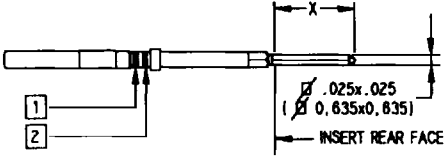
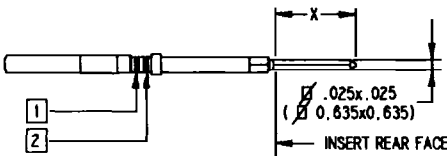
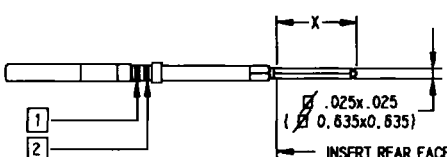
PART NUMBER	CONTACT TERMINATION	DIMENSION X mm (Inch)	INS/EXT TOOL	COLOR BAND 1	COLOR BAND 2	E DIA mm (inch)	FIGURE
620 234 003	YB	9.9 ± 0.4 (.374/.405)	282 504	orange	blue	1.27 ± 0.05 (.048/.052)	
620 234 004	Y	6.8 ± 0.4 (.252/.283)	282 504	orange	blue	1.27 ± 0.05 (.048/.052)	

SIZE 12 PIN CONTACTS

PART NUMBER	CONTACT TERMINATION	DIMENSION X mm(Inch)	INS/EXT TOOL	COLOR BAND 1	COLOR BAND 2	FIGURE
620 244 003	YB	9.9 ± 0.4 (.374/.405)	282 549 005	orange	yellow	
620 244 005	Y	6.8 ± 0.4 (.252/.283)	282 549 005	orange	yellow	

NSX F – FRONT REMOVABLE WIRE WRAP CONTACTS

SIZE 22 SOCKET CONTACTS

PART NUMBER	CONTACT TERMINATION	DIMENSION X* (inch / mm)	INS/EXT TOOL	COLOR BAND 1	COLOR BAND 2	FIGURE
620 350	K	6.9 ± 0.4 (.256 / .287)	282 500	orange	green	
620 351	V	9.9 ± 0.4 (.374 / .405)	282 500	orange	green	
620 352	W	13.3 ± 0.4 (.508 / .540)	282 500	orange	green	
620 353	L	16.8 ± 0.4 (.645 / .677)	282 500	orange	green	