

NGCON MIL-PRF-64266/3 Type
180-118 (08) Jam Nut Mount Receptacle

HOW TO ORDER								
Sample Part Number	180-118	ZR	08	-15	-8	K	S	1
Basic Number	NGCON M64266 type connectors							
Material/Finish	See Material and Finish table							
Connector Style	08 = Jam Nut Receptacle							
Shell Size	See Shell Size / Insert Arrangement and Dimensions table							
Insert Arrangement	See Insert Arrangements table							
Keyed Cavity option	K = Keyed Cavity (APC) in insert Omit for standard round non-keyed cavities							
Insert Type	P = Without ASR (Standard for Plug) S = With ASR (Standard for Receptacle)							
Key Polarization	Omit for Universal (See Keyway Polarizations table)							

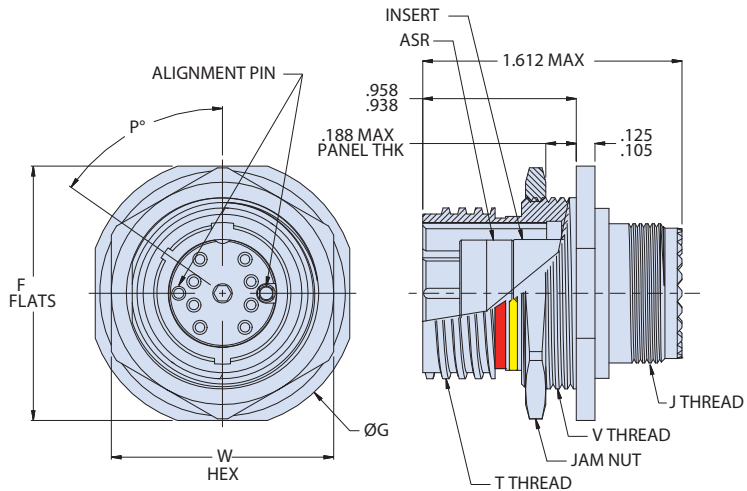
MATERIAL AND FINISH

- Insert: Al Alloy/Anodize, or High Grade Engineering Plastic - mfr's option
- Panel Seal: Fluorosilicone
- Alignment sleeves: Zirconia ceramic
- Misc. Hardware: Stainless Steel/Passivate

NOTES

- Alignment Sleeve Retainer (ASR) is supplied standard with insert type "S" only. One ASR is required for each mated pair of connectors.
- Connectors with keyed terminus cavities are intended for use with keyed termini for singlemode APC. Otherwise use standard non-keyed connector cavities and termini.

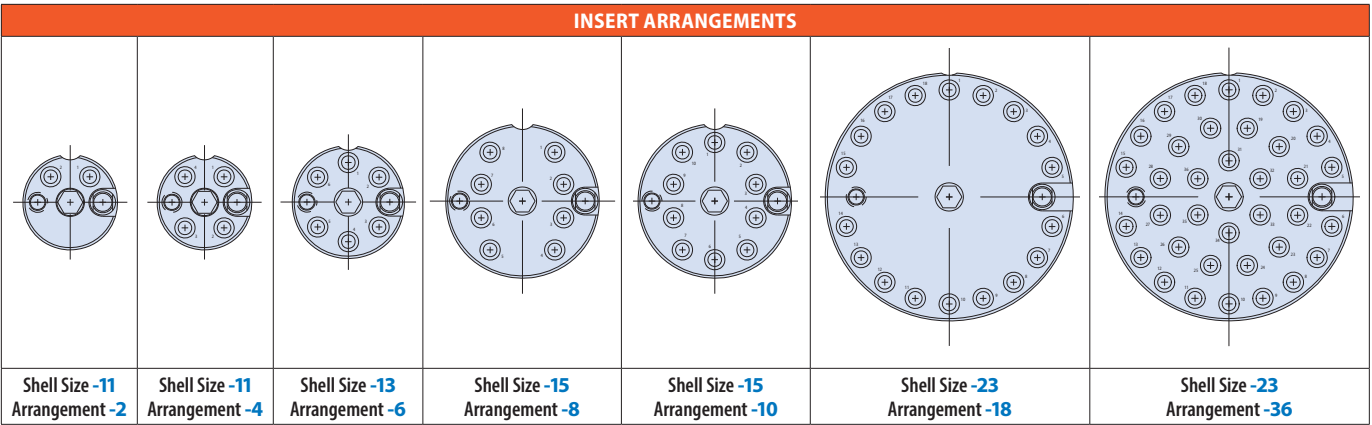
SHELL SIZE / INSERT ARRANGEMENT AND DIMENSIONS



Shell Size	Insert Arrangement	F ±.010	ØG ±.010	W	J Thread	T Thread	V Thread
-11	-2 or -4	1.264 (32.11)	1.358 (34.49)	1.075 / 1.045 (27.31 / 26.54)	M15 x 1.0-6g 0.100R	.750-.1P-.2L-DS-2B	.8750-20 UNEF-2A
-13	-6	1.389 (35.28)	1.498 (38.05)	1.205 / 1.171 (30.61 / 29.74)	M18 x 1.0-6g 0.100R	.875-.1P-.2L-DS-2B	1.0000-20 UNEF-2A
-15	-8 or -10	1.577 (40.06)	1.671 (42.44)	1.329 / 1.358 (33.76 / 34.49)	M22 x 1.0-6g 0.100R	1.062-.1P-.2L-DS-2B	1.1875-18 UNEF-2A
-23	-18 or -36	2.004 (50.90)	2.098 (53.29)	1.812 / 1.778 (46.02 / 45.16)	M34 x 1.0-6g 0.100R	1.500-.1P-.2L-DS-2B	1.6250-18 UNEF-2A

MATERIAL AND FINISH		
Code	Material	Description
ME	Aluminum Alloy	Electroless Nickel
MT		Nickel-PTFE, Grey
ZN		Zinc-Nickel, Olive Drab
ZR		Zinc-Nickel, Black
GB4		Hard Anodize, Black with PTFE
NF		Cadmium, Olive Drab
TZ		Tin-Zinc, Bronze-Gold
Z1	Stainless Steel	Passivate
ZL		Electro-deposited Nickel

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Receptacle front face shown. ○ = large guide pin ● = small guide pin

KEYWAY POLARIZATIONS		
Polarization	Shell Size 11 P°	Shell Size 13, 15, 23 P°
1	55°	30°
2	80°	55°
3	105°	80°
4	130°	105°
5	230°	130°
6	255°	155°
7	280°	205°
8	305°	230°
9	-	255°
A	-	280°
B	-	305°
C	-	330°
Universal	Receptacle connector universal keyway polarization contains all polarizations (1-9, A, B, and C)	

RECOMMENDED PANEL CUTOUT			
Shell Size	ØY	Z	
		±.005	±.005
11	.885 (22.48)	.848 (21.54)	
13	1.010 (25.65)	.976 (24.79)	
15	1.198 (30.43)	1.160 (29.46)	
23	1.630 (41.40)	1.593 (40.46)	