

NGCON MIL-PRF-64266/2 Type 180-118 (06) Plug Connector

NAVSEA / Underwater Fiber Optics



MATERIAL AND FINISH

- Insert: Al Alloy/Anodize
- Peripheral Seal: Fluorosilicone/Silicone Blend
- Misc. Hardware: SST/Passivate

NOTES

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

KEY 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	Plug universal key polarization contains only primary and secondary master keys (no polarization key).	

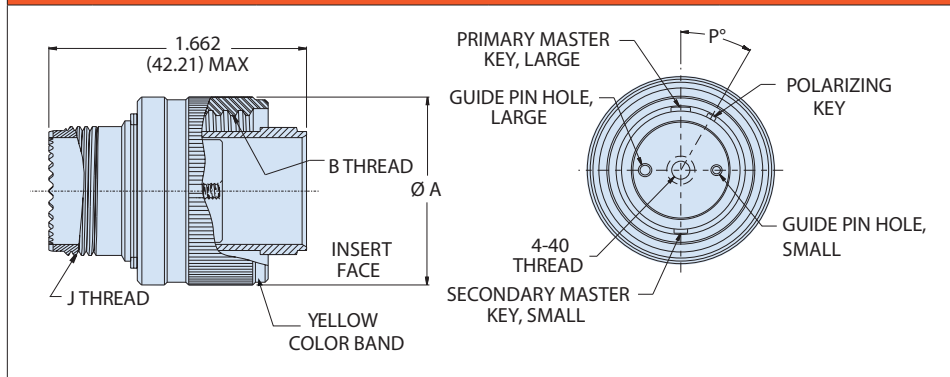
MATERIAL AND FINISH

Code	Material	Description
ME	Aluminum Alloy	Electroless Nickel
MT		Nickel-PTFE, Grey
ZR		Zinc-Nickel, Olive Drab
ZN		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

HOW TO ORDER

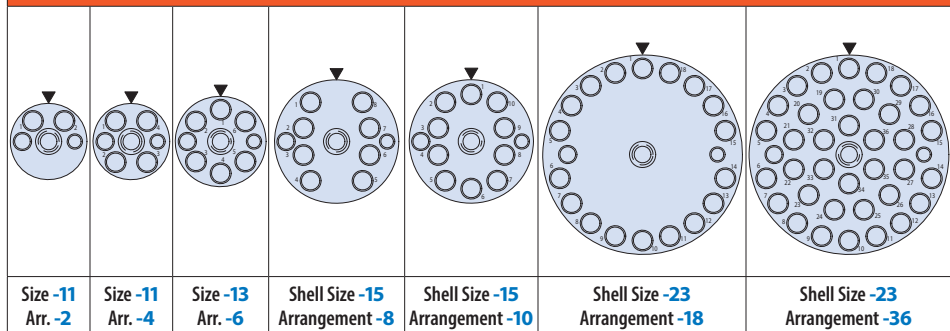
Sample Part Number	180-118	ZR	06	-15	-8	K	P	1
Basic Number	NGCON M64266 type connectors							
Material/Finish	See Material and Finish table							
Connector Style	06 = Plug							
Shell Size	See Shell Size / Insert Arrangement and Dimensions table							
Insert Arrangement	See Shell Size / Insert Arrangement and Dimensions 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 Key Polarizations table)							

SHELL SIZE / INSERT ARRANGEMENT AND DIMENSIONS



Shell Size	Insert Arrangement	ØA Max	B Thread	J Thread
-11	-2 or -4	1.028 (26.11)	.750-.1P-.2L-DS-2B	M15 x 1.0-6g 0.100R
-13	-6	1.141 (28.98)	.875-.1P-.2L-DS-2B	M18 x 1.0-6g 0.100R
-15	-8 or -10	1.263 (32.08)	1.062-.1P-.2L-DS-2B	M22 x 1.0-6g 0.100R
-23	-18 or -36	1.705 (43.31)	1.500-.1P-.2L-DS-2B	M34 x 1.0-6g 0.100R

INSERT ARRANGEMENTS



Plug front face shown. ▼ = Master key location ○ = large guide pin hole ◉ = small guide pin hole