

180-091 (05) In-line receptacle • Multi-channel

SuperNine® MIL-DTL-38999 Type



Tight-tolerance MIL-DTL-38999 Series III type In-Line Receptacle. Compatible with Size 16 snap-in, rear-release MIL-PRF-29504 pin and socket termini (Glenair Series 181-001 and 181-002). Features support hybrid electrical/fiber contact applications. Precision-manufactured for optimum optical fiber alignment and low dB data loss performance. Robust anti-decoupling and environmental sealing for use in high vibration, shock, and high altitude aerospace and military/defense applications. Shell materials include Aluminum alloy, composite thermoplastic, stainless steel, and marine bronze. Keyed polarization for mis-mate protection. Available insert arrangements support from two to thirty-seven singlemode and multimode termini.

MATERIAL AND FINISH

- Insulator: High Grade Rigid Dielectric
- Seals: Fluorosilicone
- Retention Clips: BeCu Alloy

NOTES

- Blue color band indicates rear-release retention system. Yellow color band indicates fiber optic connector. Bands located approximately as shown, sequencing optional.
- See pages B-4 to B-15 for compatible Glenair terminus part numbers.
- Recommended Insertion/Extraction tool: P/N M81969/14-03 or equivalent

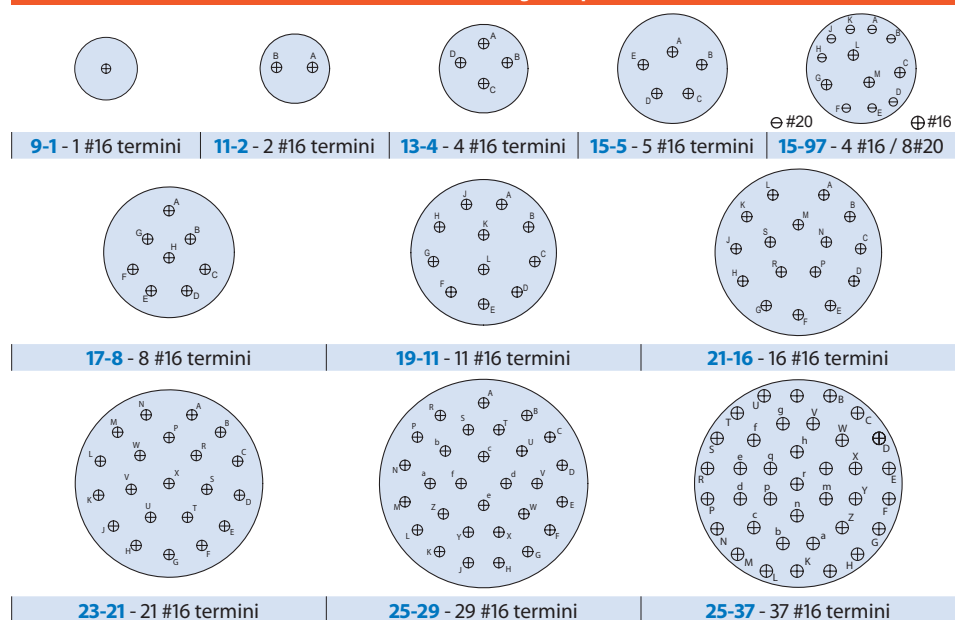
MATERIAL AND FINISH		
Code	Material	Finish Description
M*	Aluminum Alloy	Electroless Nickel
MA		Electroless Nickel, Matte
ME		Electroless Nickel
MT		Nickel-PTFE, Gray
NF		Cadmium, Olive Drab
TZ		Tin-Zinc, Bronze-Gold
ZN		Zinc-Nickel, Olive Drab
ZNU		Zinc-Nickel, Black
ZR		Zinc-Nickel, Black (RoHS)
XM		Composite
XMT	Nickel - PTFE, Grey	
XW	Cadmium, Olive Drab	
XZN	Zinc-Nickel, Black	
MS	Stainless Steel	Electroless Nickel
ZL		Electro-Deposited Nickel
ZI	Marine Bronze	Passivate
AB		No Plating

*Inactive for new design. Use "ME" finish.

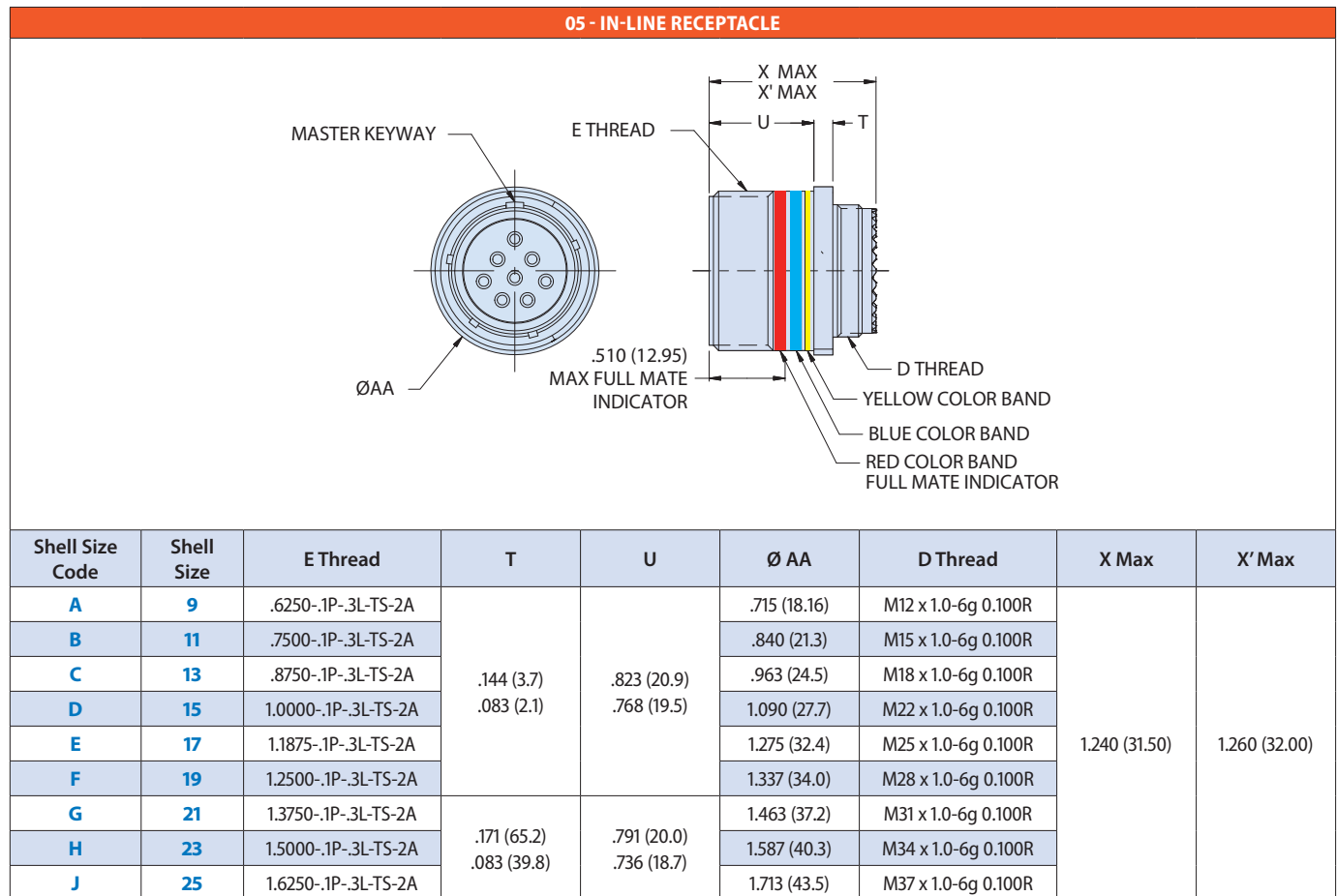
HOW TO ORDER

Sample Part Number	180-091	XW	05	-17	-8	P	N
Basic Number	D38999 Series III Type						
Material/Finish	See Material and Finish table						
Connector Style	05 = In-Line Receptacle						
Shell Size	See Dimensions table						
Insert Arrangement	See Contact Arrangements table						
Insert Designation	P = Pin S = Socket						
Alternate Key Position	A, B, C, D, E; N = Normal (Per MIL-DTL-38999)						

INSERT ARRANGEMENTS (mating face, pin insert shown)



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