

# SuperNine MT Fiber Optic Connectors

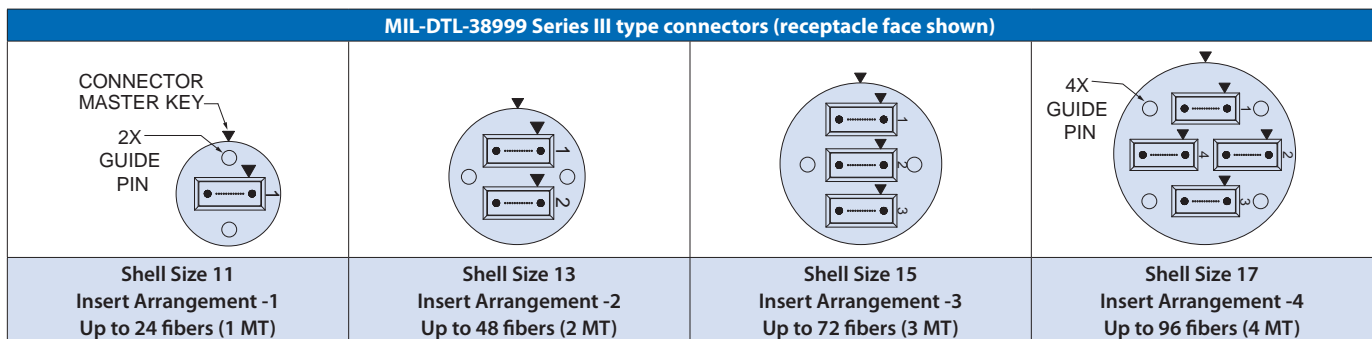


## How to order wall-mount receptacles with standard round holes



How To Order							
Sample Part Number	183-001	ME	H7	-17	-4	P	N
Basic Part Number	MT Ferrule Fiber Optic Connector						
Material/Finish Code	See Table I						
Connector Style	H7 = Wall-mount receptacle with standard round holes						
Shell Size	11, 13, 15, 17						
Insert Arrangement	See Figure 1						
Insert Designator	P = Pin insert (receptacle only)						
Alternate Key Position	A, B, C, D, E, N = Normal (per MIL-DTL-38999)						

Table I - Material and Finish		
Code	Material	Finish Description
ME	Aluminum Alloy	Electroless Nickel
MT		Nickel-PTFE, Grey
NF		Cadmium, Olive Drab
ZR		Zinc-Nickel, Black
XM	Composite	Electroless Nickel
XW		Cadmium, Olive Drab
Z1	Stainless Steel	Passivate
ZL		Electro-Deposited Nickel



### NOTES

Material/Finish

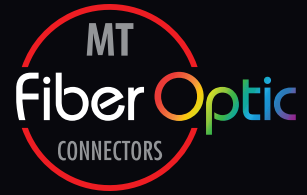
- Insulators = high-grade rigid dielectric
- Seals = fluorosilicone

Connectors are identified with Glenair name, CAGE code, part number and date code

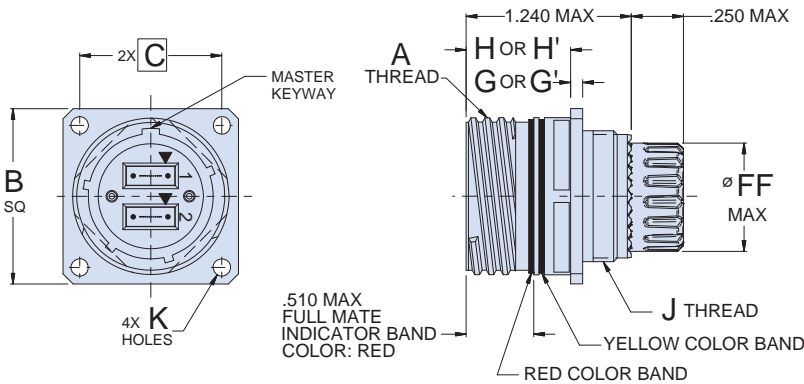
Assembly requires Glenair MT38999 assembly tool, 182-062

# SuperNine MT Fiber Optic Connectors

## Wall mount receptacle with standard round holes dimensions



### H7 - WALL MOUNT RECEPTACLE WITH STANDARD HOLES (FRONT OR REAR PANEL MOUNT)



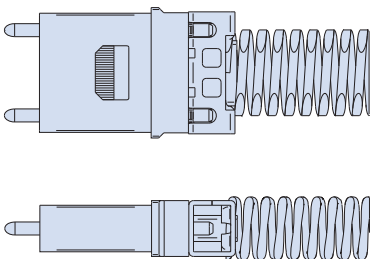
**Table VI - Front or Rear Mounting Holes**

Shell Size Code	Shell Size	ØN Min. In	ØN Min. mm	ØP Min. In	ØP Min. mm	ØR Holes In	ØR Holes mm	S Bsc In	S Bsc mm
B	11	.796	20.22	.625	15.88			.812	20.62
C	13	.922	23.42	.750	19.05	.133	3.38	.906	23.01
D	15	1.047	26.59	.906	23.01	.123	3.12	.969	24.61
E	17	1.219	30.96	1.016	25.81			1.062	26.97

**Table V - Wall Mount Receptacle Dimensions**

Shell Size Code	Shell Size	A Thread	B Sq		C Bsc		G		G'		H		H'		J Thread	ØK Holes		ØFF Max	
			In	mm	In	mm	In	mm	In	mm	In	mm	In	mm		In	mm		
B	11	.7500-.1P-.3L-TS-2A	1.043	26.49	.812	20.62									M15 X 1.0-6g 0.100R				
			1.019	25.88															
C	13	.8750-.1P-.3L-TS-2A	1.138	28.91	.906	23.01	.098	2.49	.144	3.66	.820	20.83	.823	20.90	M18 X 1.0-6g 0.100R	.136	3.45		
			1.114	28.30															
D	15	1.0000-.1P-.3L-TS-2A	1.232	31.29	.969	24.61	.083	2.11	.083	2.11	.771	19.58	.768	19.51	M22 X 1.0-6g 0.100R	.120	3.05		
			1.208	30.68															
E	17	1.1875-.1P-.3L-TS-2A	1.323	33.60	1.062	26.97									M25 X 1.0-6g 0.100R				
			1.299	32.99															

### MT FERRULE KIT



**How To Order MT Ferrules**

<b>Sample Part Number</b>	181-108	-1253	-12	P
<b>Basic Part Number</b>	MT Ferrule kit			
<b>Fiber type</b>	-1253 = Singlemode -126 = Multimode			
<b>Number of Fibers</b>	-12 (12 fibers, available in singlemode and multimode) -24 (24 fibers, available in multimode only)			
<b>Ferrule Style</b>	P = Male (Recp Only)			

**Material/Finish**

- Ferrule: Polyphenylene Sulfide Resin
- Guide Pin: Stainless Steel
- Spring: Stainless Steel
- Boot: TPE