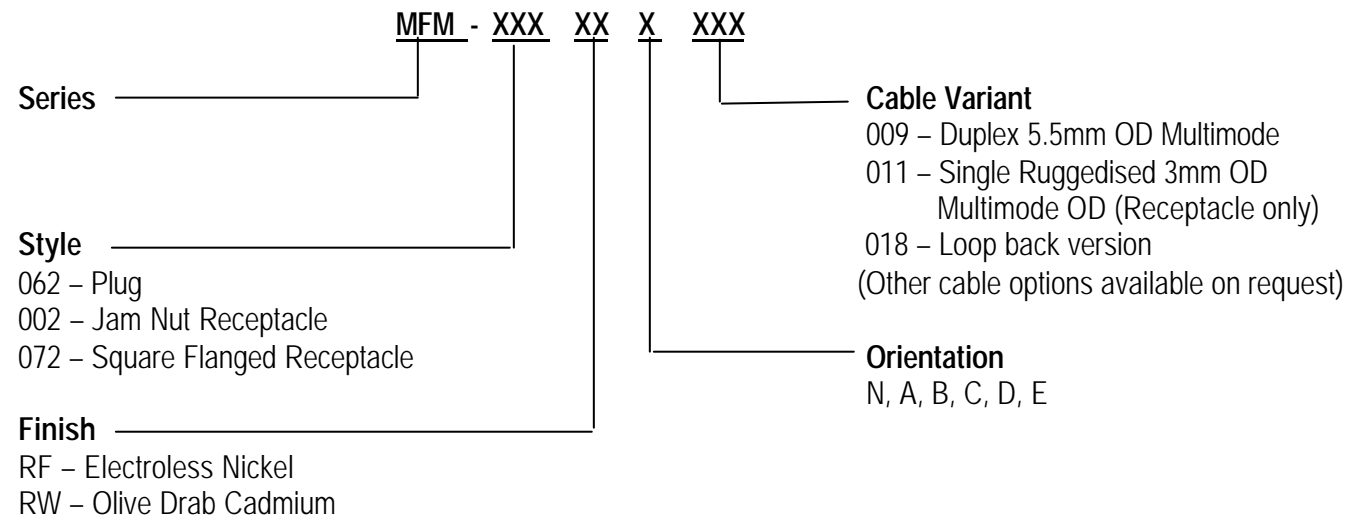
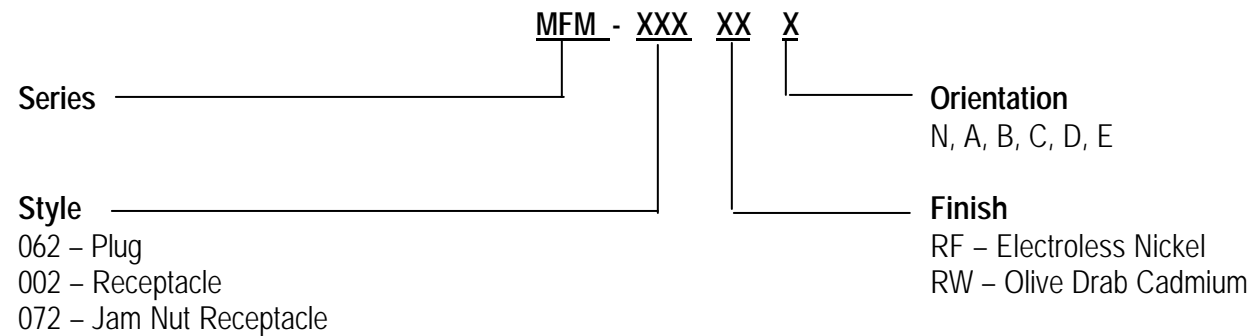
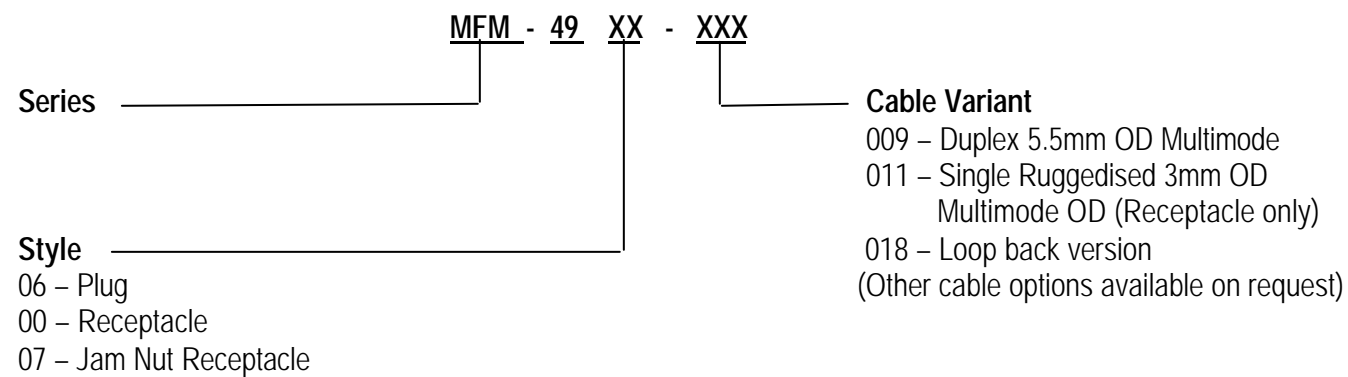


**Part Number Information**



Sub-Assemblies



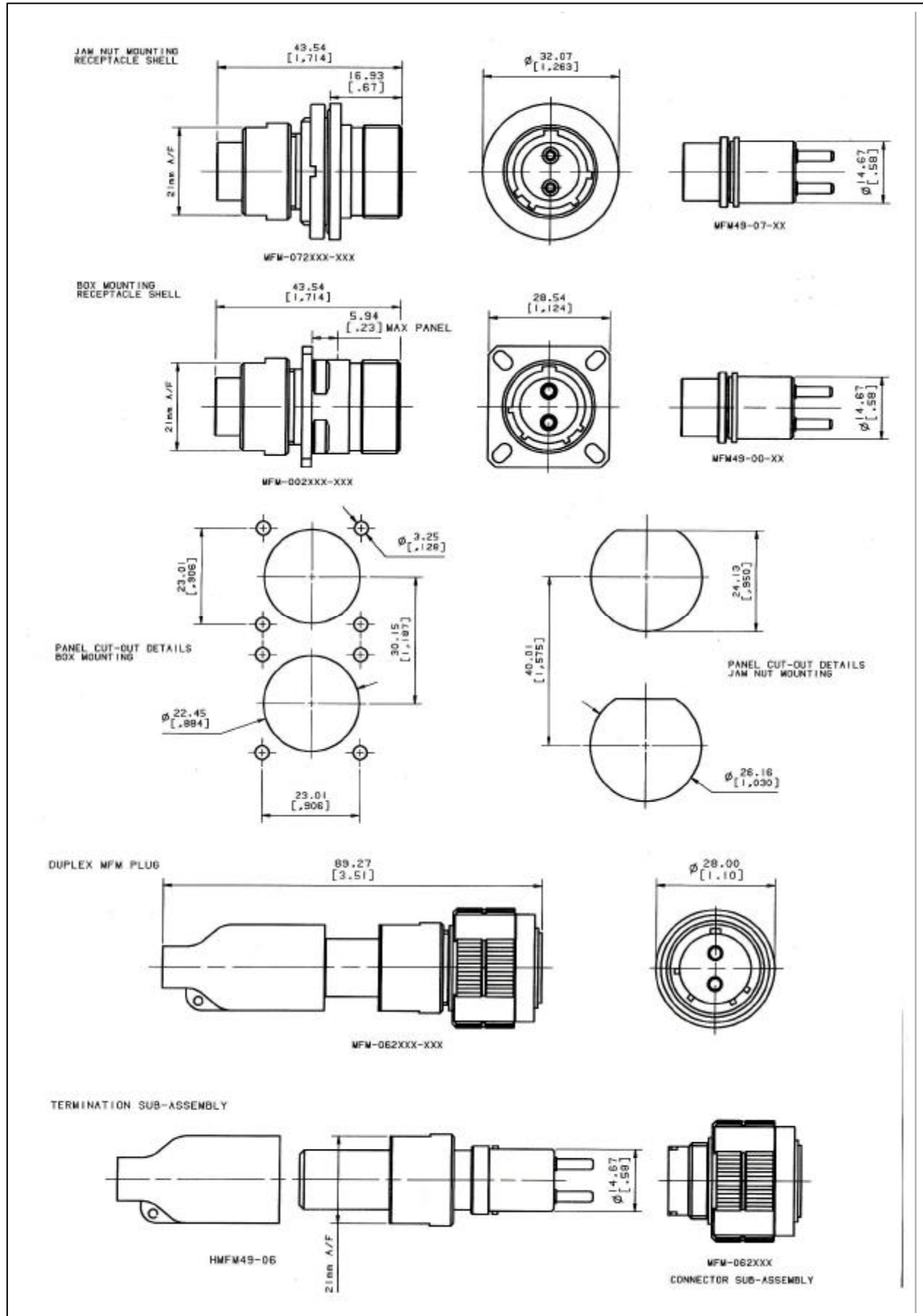
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# Amphenol

## MFM Military Fibre Optic Miniature



- The MFM uses ceramic ferrule technology, with a ceramic alignment sleeve to reduce insertion loss
- Based on a Size 13 38999 Series III connector with keyway polarisation
- One piece monobloc termination construction for ease of cleaning
- Both shells and ferrules are keyed for optimum repeatability
- Environmentally sealed when mated
- Simple termination procedure
- Interchangeable cable sub assembly with other Amphenol product series



Performance

Optical	
Attenuation	Typically 0.3dB with 62.5/125 cable
Repeatability	>0.15dB
Fibre Types	50/125      62.5/125
	85/125      100/140
	200/280
Termination Method	Epoxy / Polish

Environmental	
Temperature Range	-55°C to +125°C Cable dependent

Mechanical	
Durability	>500 matings
Materials	Shell : Electroless Nickel or Olive Drab plated
	Ferrule : Zirconia Ceramic
	Alignment Sleeve : Zirconia Ceramic
	Seals : Silicone

Termination Tooling	
Basic Kit	927 – 100 – 3000
Duplex MFM Add on Kit	927 – 100 – 3200
Consumable Pack	927 – 100 – 6000

Other items of tooling may be ordered separately – please consult factory.

Protective Caps	
Plug Protective Cap	10 – 553998 – 139 (860)
Receptacle Protective Cap	10 – 553970 – 139 (860)

