
M29504/4 & 5 Multimode & Singlemode Termini

Key Features



- Manufactured to MIL-PRF-29504/4 and /5 specifications
- Multimode & Singlemode options
- Precision fibre optic ceramic ferrules
- Size 16 for MIL-DTL-38999 Series III
- Precision “press fit” stainless steel
- Low loss performance

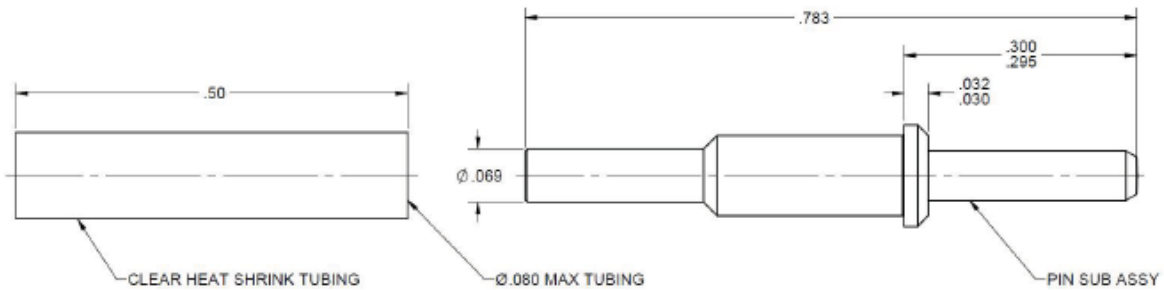
These termini utilise the highest quality zirconia ceramic ferrules and split alignment sleeves available. The tight tolerance ferrules are optimised for low insertion loss and exceptional durability. Designed and manufactured to MIL-PRF-29504/4 and /5 specifications, ensuring 100% compatibility with MIL-DTL-38999 Series III connectors.

Typical Markets / Applications

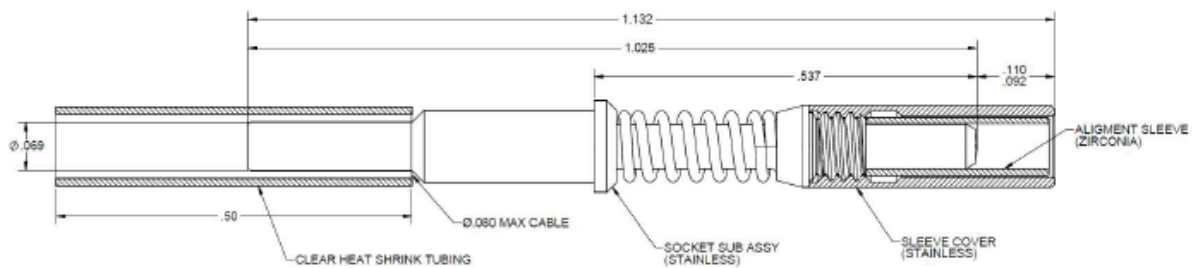
- Avionics
 - Commercial Aircraft
 - Military Deployable Systems
 - Shipboard
 - Harsh environments
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M29504/4 & 5
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Pin Termini



Socket Termini



Specifications

Specification	Measurement / Detail
Operating Temperature	-55°C to +165°C
Temperature Life	TIA455.4 for duration of 1,000 hrs at 165°C
Insertion Loss	0.45 typical (measured with 50/125 @1300nm)
Vibration	MIL-STD-1678-3 – 3201 test conditions C
Mechanical Shock	MIL-DTL-901, grade A. type B, class 1
Mating Durability	500 Cycles



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Part Numbering

Pin Part Number	Ferrule ID	Mil Spec Ref
FOA-M29P-4040	.127 + .002	M29504/4-4040
FOA-M29P-4210	.126 + .002	M29504/4-4210
FOA-M29P-4209	.126 + .001	M29504/4-4209
FOA-M29P-4211	.156 + .003	M29504/4-4211
FOA-M29P-4212	.157 + .003	M29504/4/4212

Socket Part Number	Ferrule ID	Mil Spec Ref
FOA-M29S-4046	.127 + .002	M29504/5-4046
FOA-M29S-4239	.126 + .002	M29504/5-4239
FOA-M29S-4238	.126 + .001	M29504/5-4238
FOA-M29S-4240	.156 + .003	M29504/5-4240
FOA-M29S-4241	.157 + .003	M29504/5-4241
