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## M29504/14 & 15 Multimode & Singlemode Termini

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### Key Features



- Qualified to MIL-T-29504
- Multimode & Singlemode Options
- Self-aligning design
- Front release system
- Sealed for Harsh Environments
- Low loss performance

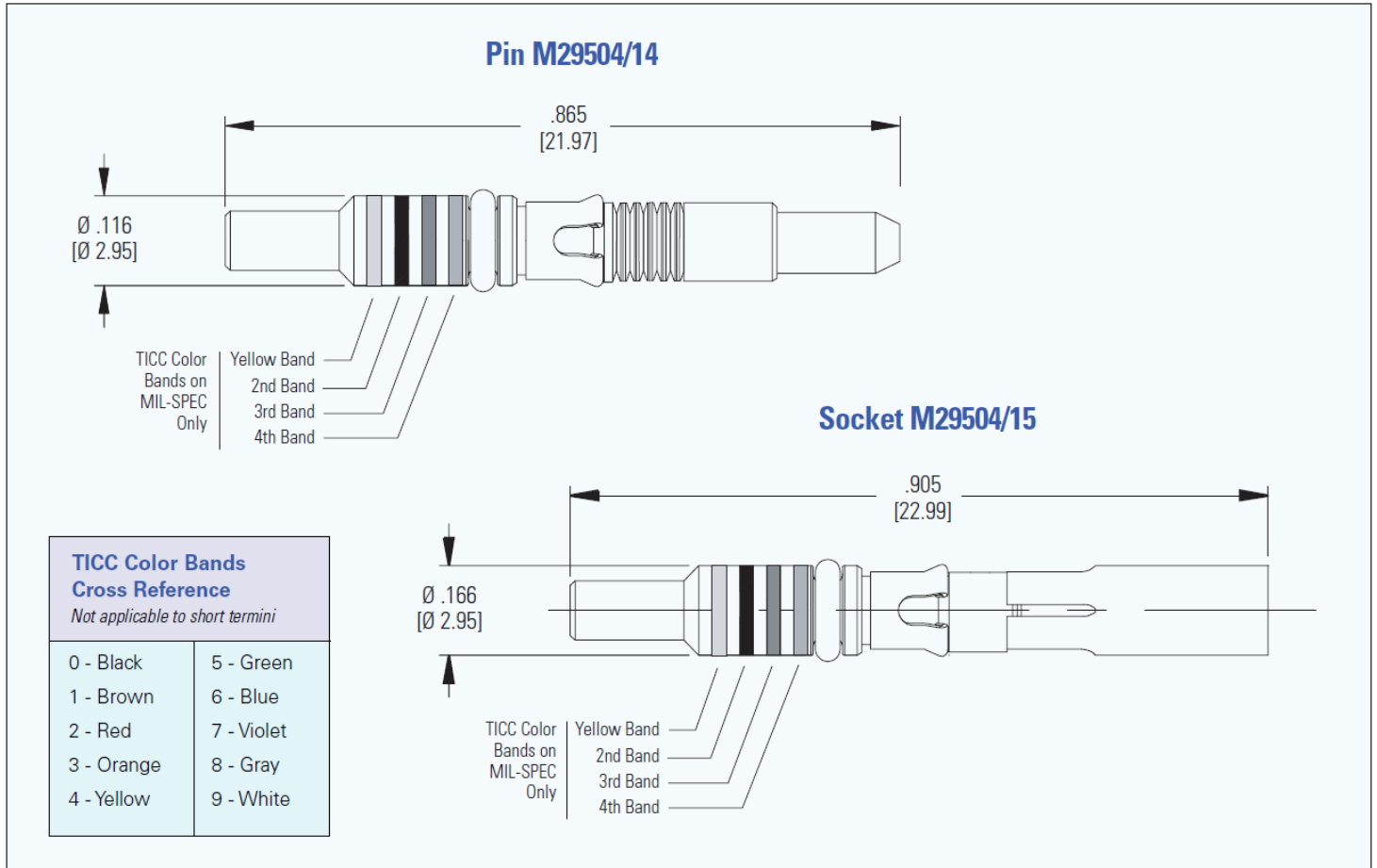
These self-aligning MIL-T-29504 qualified termini are available in both MIL-SPEC and COTS versions. M29504/14 & 15 Fibre Optic Termini utilise constant pressure from springs, to help prevent termini separation resulting from shock, vibration or thermal cycling. The M29504 termini "float" within the connector and self-align to provide precise mating every time due to the unique shape of the ferrule and alignment sleeve hood.

### Typical Markets / Applications

- Ship to Shore Comms
  - Outside Broadcast
  - Military Deployable Systems
  - Aerospace
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## M29504/14 & 15

### Multimode & Singlemode Termini



## Materials

Ferrule Tip	Zirconia Ceramic
Termini Body	Stainless Steel, Passivated
Retention Clips	Beryllium Copper
O Ring Seal	Flourosilicone



## M29504/14 & 15

### Multimode & Singlemode Termini

#### Performance Specification

Operating Temperature Range	-65°C to +150°C (dependent on epoxy and cable)
Thermal Cycling	-54°C to +65°C
Thermal Shock	-55°C to +85°C
Temperature Life	+110°C for 240 hours
Vibration	68 G random
Physical Shock	500 G
Mating Durability	2,000 cycles
Salt Spray	500 hours
Pressure Sealing (Wiper Seal)	2,000 psi
Terminus Mating Force	5 lbs. [22.2 N] nominal
Terminus Retention Force	22 lbs. [97.9 N]
Cable Retention Force	25 lbs. [111.2 N] (dependent on cable construction)
Weight	0.7 grams max.