



**TECHNICAL SPECIFICATIONS**

**MATERIAL**

- SHELL : STEEL TIN/Zinc Cr 3 PLATED.
- INSULATORS : SELF EXTINGUISHING BLACK POLYESTER UL CLASS 94V0  
THE HOUSING WILL WITHSTAND EXPOSURE TO 260-265°C  
IF WE USE PROTECTIVE ADHESIVE (type Kapton or Teflon)  
OR PROTECTIVE METALLIC DEVICE
- CONTACTS : COPPER ALLOY
- PLATING**
- ACTIVE ZONE : GOLD OVER NICKEL
- TERMINATION ZONE : TIN LEAD OVER NICKEL
- FOR LEAD FREE PLATING : 2µMIN.MATTE TIN TOP OVER  
1.27µ MIN.NICKEL UNDER PLATE(ON TERMINATION ZONE)
- METAL BRACKET : BRASS,TIN/Zinc Cr3 PLATED.
- HARPOON : BRASS,TIN PLATED.
- SCREW LOCK : BRASS,TIN/Zinc Cr3 PLATED.

**ELECTRICAL DATA**

- MAX.CURRENT RATING : 5A
- TEST VOLTAGE : 1000V
- RATED VOLTAGE : 300V
- CONTACT RESISTANCE : ≤ 25mΩ
- SHELL RESISTANCE : ≤ 5mΩ
- INSULATION RESISTANCE : ≥ 5000MΩ

**ENVIRONMENTAL CHARACTERISTICS.**

- OPERATING TEMPERATURE RANGE : -55°C +125°C

**MECHANICAL CHARACTERISTICS**

- MATING/UNMATING CYCLES (MIN) : 200 (FLASH Au); 500 (0.76µ Au)
- INSERTION/EXTRACTION FORCE PER CONTACT : 5 N Max./ 0.3 N Min.

A

B

C

D



FCIconnect.com

Copyright FCI