

Part Number	INT13-TGG 1T 308 CLADXXZ	
Size/Series	1B (Metal (Mechanical Keying))	
MECHANICAL DETAILS		
Shell Style/Model	Straight plug,cable collet	
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)	
Housing Material	Brass (chrome plated) shell and collet nut,nickel plated brass latch sleeve and mid pieces.	
Cable Fixing	2.5 - 7.0 mm (0.10 - 0.276")	
Variant	nut for fitting bend relief	
A=12 L=45 M=34 S1=11 S2=9		
PERFORMANCE DETAILS		
Insert	8 Low Voltage	
Configuration	Brass (gold plated)	
Insulator	P: PPS	
Specifications	Low Voltage	Contact Type: Solder
		Contact Dia.: 0.8 mm (0.031")
		Bucket Dia.: 0.7 mm (0.028")

		Max. Solid Conductor: 0.34 mm ² (AWG 22)
		Max. Stranded Conductor: 0.34 mm ² (AWG 22)
		R (max): 6.1 mOhm
		Vtest (contact-shell): 1150V
		Vtest (contact-contact): 950 V
		Rated Current: 5A (AC/DC)
OTHER CHARACTERISTICS		
Endurance (Shell):		6000 mating cycles
Temp (min)		-40 deg
Temp (max):		250 deg C
Humidity (max):		<=95% [at 60 deg C / 140 F]
Vibration		15 g [10 Hz - 2000 Hz]
Shock Resistance		100 g [6 ms]
Salt Spray Corrosion		>144 hr
IP Rating		68
Shielding (min):		75 dB (10 MHz)
Shielding (min):		40 dB (1 GHz)
P op (max):		68 bar (870 psi)