

Part Number	INT-ZGG.0B.309	
Size/Series	0B (Metal (Mechanical Keying))	
MECHANICAL DETAILS		
Shell Style/Model	Fixed receptacle, nut fixing	
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	None	
Variant	None	
PERFORMANCE DETAILS		
Insert	9 Low Voltage	
Configuration	Brass (gold plated)	
Insulator	P: PPS	
Specifications	Low Voltage	Contact Type: Solder or PCB

		Max. Matings: 5000
		Contact Dia.: 0.5 mm (0.020")
		Bucket Dia.: 0.45 mm (0.018")
		Max. Solid Conductor: 0.09 mm ² (AWG 28)
		Max. Stranded Conductor: 0.09 mm ² (AWG 28)
		R (max): 10 mOhm
		Vtest (contact-shell): 500 V
		Vtest (contact-contact): 600 V
		Rated Current: 2 A (AC/DC)

OTHER CHARACTERISTICS

Endurance (Shell):	5000 mating cycles
Temp (min)	-40°C
Temp (max):	250°C
Humidity (max):	<=95% [at 60°C / 140 F]
Vibration	15 g [10 Hz - 2000 Hz]
Shock Resistance	100 g [6 ms]
Salt Spray Corrosion	>144 hr
IP Rating	50
Shielding (min):	75 dB (10 MHz)
Shielding (min):	40 dB (1 GHz)
P op (max):	60 bar (870 psi)