

<b>Part Number</b>	INT-ZGG.0B.307	
<b>Size/Series</b>	0B (Metal (Mechanical Keying))	
<b>MECHANICAL DETAILS</b>		
<b>Shell Style/Model</b>	Fixed receptacle, nut fixing	
<b>Keying</b>	1 key (alpha=0, plug: male contacts, receptacle: female contacts)	
<b>Housing Material</b>	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces	
<b>Cable Fixing</b>	None	
<b>Variant</b>	None	
<b>PERFORMANCE DETAILS</b>		
<b>Insert</b>	7 Low Voltage	
<b>Configuration</b>	Brass (gold plated)	
<b>Insulator</b>	P: PPS	
<b>Specifications</b>	Low Voltage	<b>Contact Type: Solder or PCB</b>

		Max. Matings: 5000
		Contact Dia.: 0.5 mm (0.020")
		Bucket Dia.: 0.45 mm (0.018")
		Max. Solid Conductor: 0.09 mm <sup>2</sup> (AWG 28)
		Max. Stranded Conductor: 0.09 mm <sup>2</sup> (AWG 28)
		R (max): 10mOhm
		Vtest (contact-shell): 700 V
		Vtest (contact-contact): 800 V
		Rated Current: 2.5 A (AC/DC)

**OTHER CHARACTERISTICS**

<b>Endurance (Shell):</b>	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)