

<b>Part Number</b>	INT-ZGG.0B.304	
<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>	4 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.: 0.7 mm (0.028")
		Bucket Dia.: 0.6 mm (0.024")
		Max. Solid Conductor: 0.09 mm <sup>2</sup> (AWG 28)
		Max. Stranded Conductor: 0.09 mm <sup>2</sup> (AWG 28)
		R (max): 7.5 mOhm
		Vtest (contact-shell): 700 V
		Vtest (contact-contact): 850 V
		Rated Current: 7 A (AC/DC)

### ***OTHER CHARACTERISTICS***

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