

Part Number  .  .  . **ERD.0S.304.CLL**

Size/Series 0S / S

[Request a quote](#)**MECHANICAL DETAILS**

<b>Shell Style/Model</b>	ERD*: Fixed receptacle with two nuts (back panel mounting)
<b>Keying</b>	Hermaphroditic keying ("half moon" insert), plug has male pin 1
<b>Housing Material</b>	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
<b>Cable Fixing</b>	∅ : 0 - 0 mm
<b>Variant</b>	:

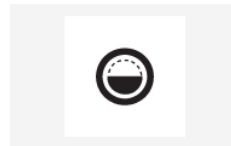
	A	B	E	L	M	S1	S3	e
mm.	12	12.5	5.5	17.5	2.5	8.2	11	M9x0.6
in.	0.47	0.49	0.22	0.69	0.10	0.32	0.43	

**PERFORMANCE DETAILS**

<b>Insert Configuration</b>	0S.304 : 4 Low Voltage
<b>Insulator</b>	L: PEEK
<b>Specifications</b>	
<b>Contact Type:</b>	Solder
<b>Max. Matings:</b>	5000
<b>Contact Dia.:</b>	0.7 mm (0.028in)
<b>Bucket Dia.:</b>	0.6 mm (0.024in)
<b>Max. Solid Conductor:</b>	0.25 mm^2 (AWG 24)
<b>Max. Stranded Conductor:</b>	0.14 mm^2 (AWG 26)
<b>R (max):</b>	6.1 mOhm
<b>Vtest:</b>	1060 V (AC), 1500 V (DC)
<b>Rated Current:</b>	7 A (AC/DC)

**OTHER CHARACTERISTICS**

<b>Endurance (Shell)</b>	3839 mating cycles
<b>Humidity (max):</b>	<=95% [at 60 deg 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>Climatical Category:</b>	50/175/21
<b>Shielding (min):</b>	75 dB (10 MHz)
<b>Shielding (min):</b>	40 dB (1 GHz)
<b>IP Rating</b>	50
<b>Catalog</b>	

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