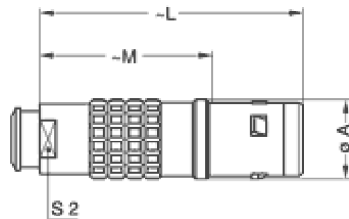


## MECHANICAL DETAILS

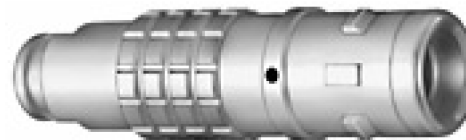
<b>Shell Style Model</b>	FG* : Straight plug cable collet and nut for fitting a bend relief
<b>Keying</b>	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
<b>Housing Material</b>	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
<b>Cable Fixing</b>	5.1 - 5.5 mm
<b>Variant 2</b>	Z : Nut for fitting a bend relief

	A	L	M	S2
Mm.	13	42	28	9
In.	0.51	1.65	1.10	0.35



## PERFORMANCE DETAIL

<b>Insert</b>	1K.307 : 7 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>	0.8 mm (0.031in)
<b>Max. Stranded</b>	0.34 mm <sup>2</sup> (AWG 22)
<b>Max. Conductor:</b>	0.34 mm <sup>2</sup> (AWG 22)
<b>R (max):</b>	6.1 mOhm



## OTHER CHARACTERISTICS







<b>Shell Style/Model</b>	Libellé
<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</b>	>144 hr
<b>Climatical</b>	50/175/21
<b>Shielding (min):</b>	95 dB (10 MHz)
<b>Shielding (min):</b>	80 dB (1 GHz)
<b>IP Rating</b>	68



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