



# EGS.1M.307.XLC

## MECHANICAL DETAILS

<b>Shell Style Model</b>	EG* : Fixed receptacle nut fixing
<b>Keying</b>	3 keys (beta=155, gamma=50, plug: female contacts, receptacle: male contacts)
<b>Housing Material</b>	Environment friendly aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass
<b>Cable Fixing</b>	0 - 0 mm

Variant 2 :

	C	D	E	L	P	S1	e
Mm.	14.2	6.8	4.5	18.1	5.3	9.5	M11x1.0
In.	0.56	0.27	0.18	0.71	0.21	0.37	

## PERFORMANCE DETAIL

<b>Insert</b>	1M.307 : 7 Low Voltage
<b>Insulator</b>	
<b>Specifications</b>	
<b>Contact Type:</b>	Crimp
<b>Max. Matings:</b>	5000
<b>Contact</b>	22 N
<b>Contact Dia.:</b>	0.7 mm (0.028in)
<b>Bucket Dia.:</b>	0.8 mm (0.031in)
<b>Min. Conductor:</b>	0.14 mm <sup>2</sup> (AWG 26)
<b>Max. Conductor:</b>	0.34 mm <sup>2</sup> (AWG 22)
<b>R (max):</b>	6.1 mOhm
<b>Extractor:</b>	DCF.93.070.4LT
<b>Positioner:</b>	DCE.91.070.5MVC

## 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>Operating</b>	-55°C / +200°C
<b>Climatical</b>	15/200/21 (Al. shell)
<b>Lighting strike EIA</b>	10K amps - 6 times
<b>EMI Shielding EIA</b>	- 1Ghz-80 dB,3GHz-70 dB,6GHz- 58dB
<b>IP Rating</b>	68

