



# PHS.1M.305.XLCT

## MECHANICAL DETAILS

- Shell Style Model** PH\* : Free receptacle with arctic grip
- Keying** 3 keys (beta=155, gamma=50, plug: female contacts, receptacle: male contacts)
- Housing Material** Environment friendly aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass
- Cable Fixing** 0 - 0 mm
- Variant 2** :

				A	B	C	D	F
Mm.				15.9	10.5	14.2	9.7	12.4
In.				0.63	0.41	0.56	0.38	0.49

## PERFORMANCE DETAIL

- Insert** 1M.305 : 5 Low Voltage
- Insulator**
- Specifications**
- Contact Type:** Crimp
- Max. Matings:** 5000
- Contact** 30 N
- Contact Dia.:** 0.9 mm (0.035in)
- Bucket Dia.:** 1.1 mm (0.043in)
- Min. Conductor:** 0.25 mm<sup>2</sup> (AWG 24)
- Max. Conductor:** 0.5 mm<sup>2</sup> (AWG 20)
- R (max):** 4.8 mOhm
- Extractor:** DCF.93.090.4LT
- Positioner:** DCE.91.090.5MVC

## OTHER CHARACTERISTICS

- Shell Style/Model** Libellé
- Humidity (max):** <=95% [at 60 deg C /140 F]
- Vibration:** 15 g [10 Hz - 2000 Hz]
- Shock Resistance:** 100 g [ 6 ms]
- Operating** -55°C/ +200°C
- Climatical** 15/200/21 (Al. shell)
- Lighting strike EIA** 10K amps - 6 times
- EMI Shielding EIA** - 1Ghz-80 dB,3GHz-70 dB,6GHz- 58dB
- IP Rating** 68

