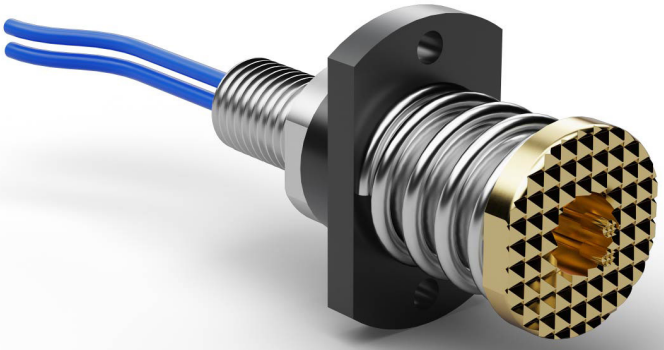


High Current Probes

HC160D06G80

Item number 1116866

General

Design	Coaxial Probe
Type/family	HC160
Pitch (mm/mil)	18.0 / 708
Temperature [C°]	-45°C...+200°C
Additional definition	D

Electrical specifications

Continuous current (A)	150.00
Typical contact resistance (mOhm)	0.20
Continuous current 2 (A)	5.00
Typical contact resistance 2 (mOhm)	30.00

Inner contact specifications

Nominal travel 2 (mm)	2.20
Maximum travel 2 (mm)	4.40
Preload 2 (cN)	130.00
Spring force 2 (cN)	400.00

Mechanical specifications

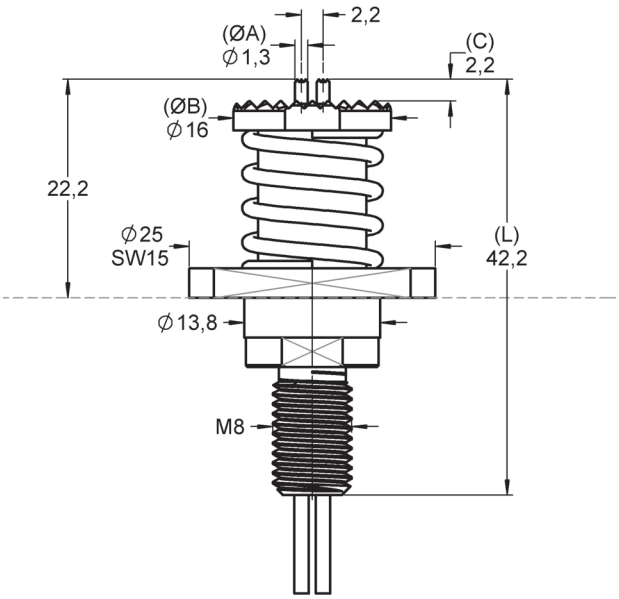
Preload (cN)	3500.00
Spring force (cN)	8000.00
Nominal travel (mm)	4.00
Maximum travel (mm)	6.00
Tool size (mm)	15/12
Connection type (flux-proof)	Thread

Dimensions

Total length (mm)	42.20
Projection height (mm)	2.20
Tip style diameter (mm)	16.00
Barrel diameter (mm)	13.80
Collar diameter (mm)	25.00
Inside/outside distance (mm)	2.20
Tip style diameter 2 (mm)	1.30

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	06
Tip style 2	06
Tip style material	Beryllium cooper
Tip style plating	Gold
Plunger material	Brass
Plunger plating	Silver
Barrel material	Plastic
Barrel plating	Uncoated
Spring material	High-grade steel
Spring plating	Uncoated
Plunger material 2	Beryllium cooper
Plunger plating 2	Gold
Spring material 2	High-grade steel
Spring plating 2	Uncoated