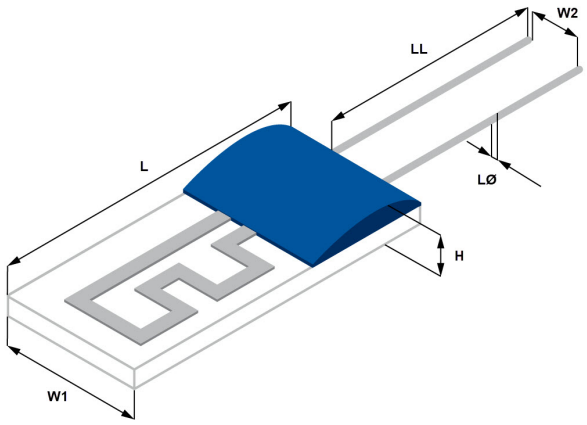
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M416, Sensor Elements with Wires



General Information	
Series	M416
Style	Wired
Temperature Coefficient	3850 ppm/K
RoHS	Yes
Lead Type	Pt clad Ni-wire
Connection Technology	Welding, Crimping, Brazing
Self Heating	0.4 K/mW at 0C
Storage Life	Min. 12 months (in original packaging).

Dimensions	
L	3.9mm +0.2/-0.1mm
W	1.5mm +/-0.2mm
W2	0.7mm +/-0.1mm
H	0.9mm +0.3/-0.2mm
LL	10mm +/-1mm
Minimum Fit Diameter (mm)	2.1 mm
Minimum Fit Diameter (Inch)	0.082"
Lo	0.2mm +/-0.02mm

Specifications	
Nominal Res. R_0 [Ω]	Pt100 Ohms
Tolerance Class	F 0.1 (1/3 B)
Temperature Range	-70/+500°C
Tolerance Temperature Minimum	-70
Tolerance Temperature Maximum	500
Insulation Resistance	100 MOhms

Packaging Specifications	
Packaging	Plastic Bag

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