ASB170C801ND0LF

Aliases (UPASB17801ND00)

KEMET, ASB, Piezo Ceramic Actuators, Multilayer

Section A

φ11.5 ±0.5

Enlarged of Section A

φ2.2

90°

10 ±1

38.4 ±0.5
19 ±0.5
9 ±0.2
2.5 ±0.2
(10)

17

φ19.6 ±0.5
17.0

Lead wire: AWG26, UL1993, PTFE (Red+)
L = 130 ±10

Lead wire: AWG26, UL1993, PTFE (White−)

PTFE: Polytetrafluoroethylene
unit: mm

M4 screw of minimum 3 deep
Prepared hole of maximum 5 deep

Click here for the 3D model.

General Information

Style	Metal Sealed
Description	Metal Sealed Type Multilayer Piezoelectric Actuators
RoHS	With Exemptions
SCIP Number	c64eed42-9f3b-4f55-976e-a799ec5ecf68
Notes	Female thread type, V Groove.
REACH	SVHC (PZT – CAS 12626-81-2)

Dimensions

D	19.6mm +/-0.5mm
L	38.4mm +/-0.5mm
LL	130mm +/-10mm

Packaging Specifications

Typical Component Weight	46
Packaging	Tray
Packaging Quantity	10

Specifications

Series	ASB
Displacement	17um +/-3um
Voltage DC	150 VDC
Capacitance	1.5 uF
Tolerance	20%
Resonant Frequency	20 kHz
Generated Force	800 N
Insulation Resistance	30 MOhms
Temperature Range	-25/+85°C