KEMET
a YAGEO company

PEH169QU510VMU2
Aliases (A371SP103M160A)

PEH169, Aluminum Electrolytic, 10,000 uF, 20%, 160 VDC, -40/+85°C

SIDE VIEW

TERMINAL END VIEW

Click here for the 3D model.

General Information

Series	PEH169
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
AEC-Q200	No
Halogen Free	Yes
Component Weight	640 g
Notes	Dimensions D And L Include Sleeving. MS (MxH) = M12x16.
Shelf Life	156 Weeks

Specifications

Capacitance	10,000 uF
Capacitance Tolerance	20%
Voltage DC	160 VDC
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	28000 Hrs (Rated Voltage And Ripple Current At 85C)
Resistance	16 mOhms (100Hz 20C), 10 mOhms (100kHz 20C)
Ripple Current	17 Amps (100Hz 85C), 53.6 Amps (10kHz 50C), 41.7 Amps (10kHz 40C)
Leakage Current	8800 uA (5min 20°C)
Inductance	17 nH (ESL)

Dimensions

D	76.6mm +/-1mm
L	118mm +/-1mm
T	3.8mm NOM
S	32mm +/-0.5mm
F	15mm +/-0.5mm
DT	15mm NOM
G	13mm NOM
LT	125mm +/-1mm
Z	13mm NOM

Packaging Specifications

Sleeving	Yes
Packaging	Bulk, Bag
Packaging Quantity	9