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General Information

Series	PEH169
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Oval Threaded Inserts M5
Mounting	Through-Hole
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	6.3 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16.
Shelf Life	156 Weeks

Specifications

Capacitance	47,000 uF
Tolerance	20%
Voltage DC	16 VDC
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	17000 Hrs (Rated Voltage And Ripple Current At 85C)
ESR	10 mOhms (100Hz 20C), 8 mOhms (100kHz 20C)
Ripple Current	17.8 Amps (100Hz 85C), 42.6 Amps (10kHz 50C), 30.6 Amps (10kHz 40C)
Leakage Current	6256 uA (5min 20°C)
Inductance	16 nH (ESL)

Dimensions

D	51.6mm +/-1mm
L	74.5mm +/-1mm
T	4.9mm NOM
S	22mm +/-0.5mm
F	15mm +/-0.5mm
DT	15mm NOM
G	13mm NOM
LT	82.4mm +/-1mm
Z	13mm NOM

Packaging Specifications

Slewing	Yes
Packaging	Bulk, Bag
Packaging Quantity	20

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