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General Information

Series	PEH169_105
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Screw Terminals M5
Mounting	Through-Hole
Optional Mounting	Stud
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	70 g
Notes	Dimensions D And L Include Slewing. M5. MS = M8x12.

Specifications

Capacitance	10,000 uF
Tolerance	-10/+30%
Voltage DC	16 VDC
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	7000 Hrs (Rated Voltage And Ripple Current At 105°C)
ESR	27 mOhms (100Hz 20°C), 21 mOhms (100kHz 20°C)
Ripple Current	6.4 Amps (100Hz 105°C), 28 Amps (10kHz 50°C), 18.9 Amps (10kHz 40°C)
Leakage Current	4480 uA (5min 20°C)
Inductance	12 nH (ESL)

Dimensions

D	36.6mm +/-1mm
L	51.5mm +/-1mm
T	4.4mm NOM
S	13mm +/-0.5mm
F	8mm +/-0.5mm
DT	8mm NOM
LT	58.9mm +/-1mm

Packaging Specifications

Slewing	Yes
Packaging	Bulk, Bag
Packaging Quantity	42

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