

PEH169, Aluminum Electrolytic, 1,500 uF, 20%, 420 VDC, -40/+85°C



General Information	
Series:	PEH169
Dielectric:	Aluminum Electrolytic
Description:	Screw Terminal, Aluminum Electrolytic
RoHS:	Yes
Mounting:	Stud
AEC-Q200:	No
Halogen Free:	Yes
Component Weight:	585 g
Notes:	Dimensions D And L Include Slewing. M5. MS = M12x16.
Shelf Life:	156 Weeks

Dimensions	
D	76.6mm +/-1mm
L	106mm +/-1mm
T	3.8mm NOM
S	32mm +/-0.5mm
F	15mm +/-0.5mm
DT	15mm NOM
G	13mm NOM
LT	113mm +/-1mm
Z	13mm NOM

Specifications	
Capacitance:	1,500 uF
Capacitance Tolerance:	20%
Voltage DC:	420 VDC
Temperature Range:	-40/+85°C
Rated Temperature:	85°C
Life:	28000 Hrs (Rated Voltage And Ripple Current At 85C)
Resistance:	49 mOhms (100Hz 20C), 25 mOhms (100kHz 20C)
Ripple Current:	7.9 Amps (100Hz 85C), 31.6 Amps (10kHz 50C), 24.1 Amps (10kHz 40C)
Leakage Current:	5890 uA (5min 20°C)
Inductance:	17 nH (ESL)

Packaging Specifications	
Slewing:	Yes
Packaging:	Bulk, Bag
Packaging Quantity:	9

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