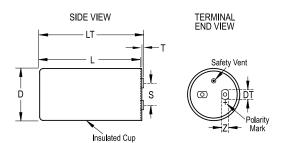
KEMET Part Number: PEH169SY4680QU2



PEH169_105, Aluminum Electrolytic, 6,800 uF, -10/+30%, 250 VDC, -40/+105°C



General Information	
Series:	PEH169_105
Dielectric:	Aluminum Electrolytic
Description:	Screw Terminal, Aluminum Electrolytic
RoHS:	Yes
AEC-Q200:	No
Halogen Free:	Yes
Component Weight:	1.4 kg
Notes:	Dimensions D And L Include Sleeving. MS (MxH) = M12x16.

Dimensions	
D	91.6mm +/-1mm
L	145.5mm +/-1mm
Т	3.7mm NOM
S	32mm +/-0.5mm
F	15mm +/-0.5mm
DT	15mm NOM
G	13mm NOM
LT	152.4mm +/-1mm
Z	13mm NOM

Packaging Specifications	
Sleeving:	Yes
Packaging:	Bulk, Bag
Packaging Quantity:	6

Specifications	
Capacitance:	6,800 uF
Capacitance Tolerance:	-10/+30%
Voltage DC:	250 VDC
Temperature Range:	-40/+105°C
Rated Temperature:	105°C
Life:	18000 Hrs (Rated Voltage And Ripple Current At 105C), 25000 Hrs (Rated Voltage At 105C)
Resistance:	20 mOhms (100Hz 20C), 12 mOhms (100kHz 20C)
Ripple Current:	11.9 Amps (100Hz 105C), 53.5 Amps (10kHz 50C), 43.5 Amps (10kHz 40C)
Leakage Current:	9100 uA (5min 20°C)
Inductance:	16 nH (ESL)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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