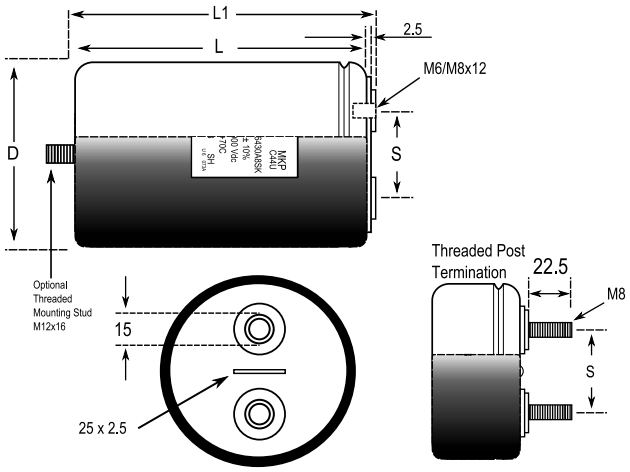
C44UQGQ6500F8SK

C44U, Film, Metallized Polypropylene, DC Link, 500 uF, 10%, 1,100 VDC, 31.7 mm



Click here for the 3D model.

General Information	
Series	C44U
Dielectric	Metallized Polypropylene
Style	Can
Features	Standard Duty
RoHS	With Exemptions
REACH	SVHC (Pb – CAS 7439-92-1)
SCIP Number	cc1c1ec4-db9e-4815-b26b-e8a34ddfb776
Lead	Threaded Studs M8
AEC-Q200	No
Typical Component Weight	1,280 g
Miscellaneous	Thermal Resistance = 3.4 C/W. Weight = 1120 grams.

Dimensions	
D	85mm +1mm
L	174mm +0.5mm
L1	180mm +/-1mm
S	31.7mm +/-0.2mm

Packaging Specifications	
Terminal Type	Bolt - M12x16
Packaging	Bulk, Bag
Packaging Quantity	5

Specifications	
Capacitance	500 uF
Tolerance	10%
Voltage DC	1100 VDC
Temperature Range	-40/+85°C
Rated Temperature	75°C
Insulation Resistance	60 MOhms
Max dV/dt	12 V/us
ESR	1.1 mOhms (10kHz)
Ripple Current	90 Amps (10kHz 40C), 6000 Amps (Peak)
Inductance	80 nH

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