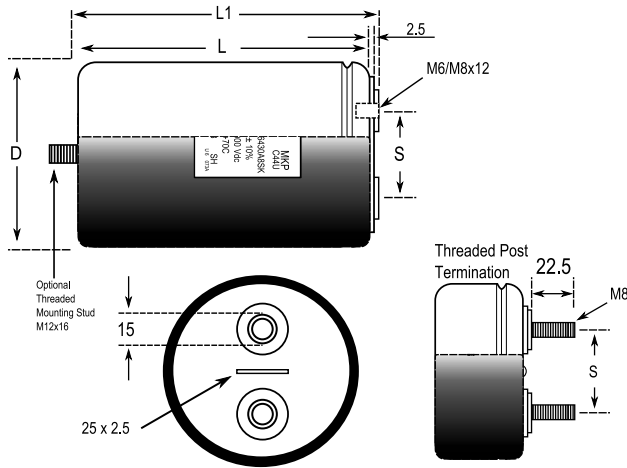


## C44UUGQ6165F8SK

C44U, Film, Metallized Polypropylene, DC Link, 165 uF, 10%, 1,300 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	780 g
Miscellaneous	Thermal Resistance = 5.6 C/W. Weight = 716 grams.

### Dimensions

D	85mm +1mm
L	95mm +0.5mm
L1	101mm +/-1mm
S	31.7mm +/-0.2mm

### Packaging Specifications

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

### Specifications

Capacitance	165 uF
Tolerance	10%
Voltage DC	1300 VDC
Temperature Range	-40/+85°C
Rated Temperature	75°C
Insulation Resistance	180 MOhms
Max dV/dt	15 V/us
ESR	2 mOhms (10kHz)
Ripple Current	52 Amps (10kHz 40C), 2475 Amps (Peak)
Inductance	40 nH

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