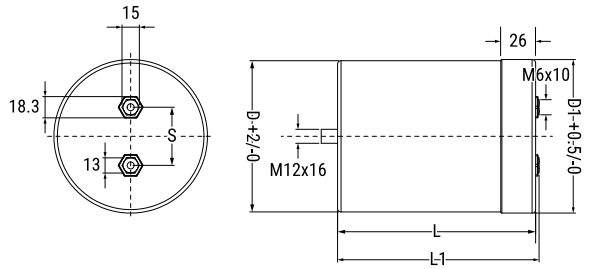
KEMET Part Number: C44UVGT6550M54K

C44U_M, Film, Metallized Polypropylene, DC Link, 550 uF, 10%, 1800 VDC



General Information	
Series:	C44U_M
Dielectric:	Metallized Polypropylene
Style:	Can
Features:	DC Filtering, Energy Storage
RoHS:	Yes
Lead:	Screw Terminals M6
AEC-Q200:	No
Miscellaneous:	Thermal Resistance = 1.8 C/W. Weight = 13100 grams.

Dimensions	
D	116mm +2mm
L	273mm +/-2mm
L1	276mm +/-2mm
S	50mm +/-0.3mm

Specifications	
Capacitance:	550 uF
Capacitance Tolerance:	10%
Voltage DC:	1800 VDC
Temperature Range:	-40/+85°C
Rated Temperature:	75°C
Insulation Resistance:	0.05 MOhms
Max dV/dt:	12 V/us
Resistance:	2.1 mOhms (10kHz)
Ripple Current:	89 Amps (10kHz 40C), 6425 Amps (Peak)
Inductance:	80 nH

Packaging Specifications	
Mounting:	Bolt - M12x16
Packaging:	Bulk, Bag
Packaging Quantity:	4

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