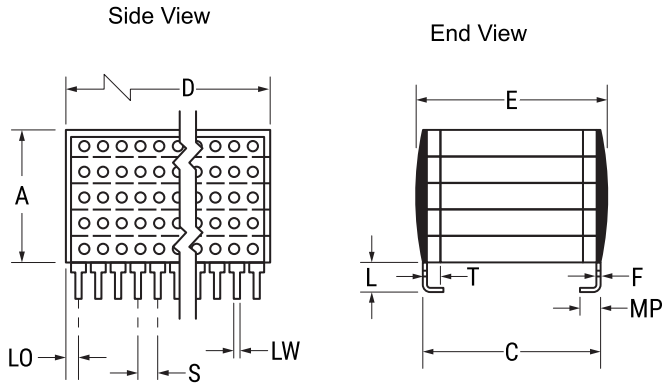


# M49470Q01565KEJ

Aliases (L1QJ30C565KB65)

KPS LDD Mil SMPS PRF49470, Ceramic, 5.6 uF, 10%, 500 VDC, BQ, N/A, 2.54 mm



Click [here](#) for the 3D model.

## General Information

Series	KPS LDD Mil SMPS PRF49470
Style	Leaded Stacked Chip
Description	Low ESR, High Current Stacked Ceramic Chips
Features	Low ESR, High Current
RoHS	No
Prop 65	<b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a>
SCIP Number	2499890a-0e07-42ff-98a1-bd02d3b7c2ec
Termination	60/40 Solder Coated
Lead	J Leads
Failure Rate	N/A
Testing and Reliability	Level B
Qualifications	MIL-PRF-49470
Notes	Note: Number of chips in stack depends on design. Note: Turn Radius For Lead Extension Is 0.1 Radians (Typical). Note: Lead alignment within pin rows shall be within $\pm 0.13$ mm.

## Dimensions

D	25.715mm +/-1.585mm
L	1.78mm +/-0.25mm
T	1.397mm MAX
S	2.54mm TYP
F	0.254mm +/-0.051mm
A	16.51mm MAX
C	11.43mm +/-0.635mm
E	12.7mm MAX
LO	1.586mm MAX
LW	0.508mm +/-0.051mm
MP	1.27mm MIN

## Packaging Specifications

Packaging	Waffle, Box
Packaging Quantity	28

## Specifications

Capacitance	5.6 uF
Tolerance	10%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	BQ
Dissipation Factor	2.5%
Insulation Resistance	178.571 MOhms

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