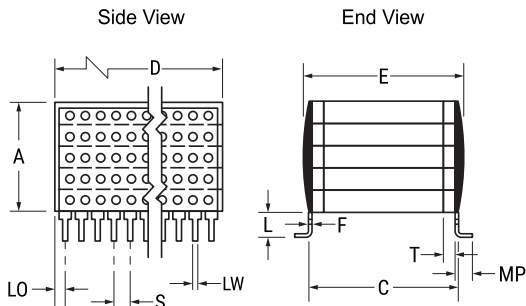


KEMET Part Number: T49470X01825MBL
(L1XL401825MT65)

KPS LDD Mil SMPS PRF49470, Ceramic, 8.2 uF, 20%, 100 VDC, BX, N/A



Dimensions

D	9.845mm +/-0.955mm
L	1.78mm +/-0.25mm
T	1.397mm MAX
S	2.54mm TYP
F	0.254mm +/-0.051mm
A	16.51mm MAX
C	10.16mm +/-0.635mm
E	11.18mm MAX
LO	1.586mm MAX
LW	0.508mm +/-0.051mm
MP	1.27mm MIN

Packaging Specifications

Packaging:	Waffle, Box
Packaging Quantity:	36

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:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov .
SCIP Number:	1397a5ac-1739-4afc-b57f-5edc4c8a9f53
Termination:	60/40 Solder Coated
Lead:	L Leads
Failure Rate:	N/A
Testing and Reliability:	Level T
Qualifications:	MIL-PRF-49470
AEC-Q200:	No
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 ±0.13 mm.

Specifications

Capacitance:	8.2 uF
Capacitance Tolerance:	20%
Voltage DC:	100 VDC
Dielectric Withstanding Voltage:	250 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	BX
Dissipation Factor:	2.5%
Insulation Resistance:	121.951 MOhms

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