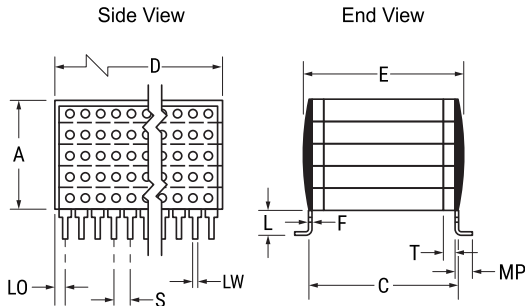


KEMET Part Number: M49470Q01125KEL
(L1QL40C125KB36)



KPS LDD Mil SMPS PRF49470, Ceramic, 1.2 uF, 10%, 500 VDC, BQ, 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	9.144mm 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:	2499890a-0e07-42ff-98a1-bd02d3b7c2ec
Termination:	60/40 Solder Coated
Lead:	L Leads
Failure Rate:	N/A
Testing and Reliability:	Level B
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:	1.2 uF
Capacitance Tolerance:	10%
Voltage DC:	500 VDC
Dielectric Withstanding Voltage:	750 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	BQ
Dissipation Factor:	2.5%
Insulation Resistance:	833.333 MOhms

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