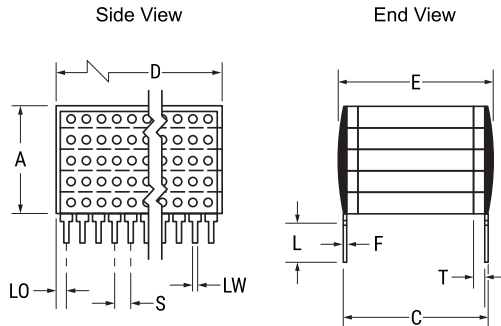


KEMET Part Number: T49470Q01565MEN
(L1QN30C565MT65)

KPS LDD Mil SMPS PRF49470, Ceramic, 5.6 uF, 20%, 500 VDC, BQ, N/A



Dimensions	
D	25.715mm +/-1.585mm
L	6.35mm MIN
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
G	1.4mm +/-0.25mm
LO	1.586mm MAX
LW	0.508mm +/-0.051mm

Packaging Specifications	
Packaging:	Waffle, Box
Packaging Quantity:	28

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:	Wire 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: Lead alignment within pin rows shall be within ±0.13 mm.

Specifications	
Capacitance:	5.6 uF
Capacitance Tolerance:	20%
Voltage DC:	500 VDC
Dielectric Withstanding Voltage:	750 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	BQ
Dissipation Factor:	2.5%
Insulation Resistance:	178.571 MOhms

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