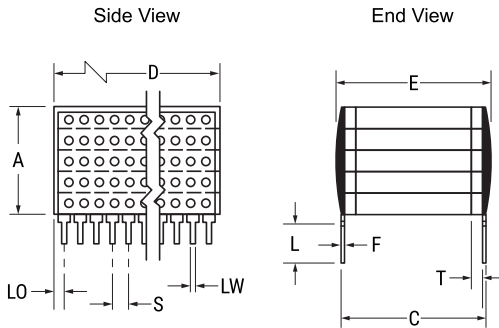


KEMET Part Number: L1XN401685MC48
(87106080)



KPS LDD Comm SMPS, Ceramic, 6.8 uF, 20%, 100 VDC, BX, N/A



Dimensions	
D	9.845mm +/-0.955mm
L	6.35mm MIN
T	1.397mm MAX
S	2.54mm TYP
F	0.254mm +/-0.051mm
A	12.192mm MAX
C	10.16mm +/-0.635mm
E	11.18mm +/-0.25mm
G	1.4mm +/-0.254mm
LO	1.586mm MAX
LW	0.508mm +/-0.051mm

Packaging Specifications	
Packaging:	Waffle, Box
Packaging Quantity:	36

General Information	
Series:	KPS LDD Comm SMPS
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:	df2a2509-5a11-4b26-944d-42278323ecf4
Termination:	60/40 Solder Coated
Lead:	Wire Leads
Failure Rate:	N/A
Testing and Reliability:	DSCC87106
AEC-Q200:	No
Notes:	Note: Number of chips in stack depends on design. Number of Chips in this stack = 4. Note: Lead alignment within pin rows shall be within ±0.13 mm.

Specifications	
Capacitance:	6.8 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% 1 kHz 25C
Aging Rate:	1% Loss/Decade Hour
Insulation Resistance:	14.7 GOhms

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