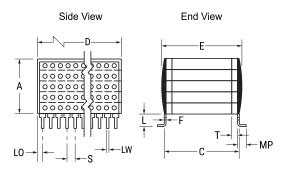
## KEMET Part Number: M49470R01825KCL

(L1RL302825KB36)



## KPS LDD Mil SMPS PRF49470, Ceramic, 8.2 uF, 10%, 200 VDC, BR, N/A



Dimensions	
D	25.715mm +/-1.585mm
L	1.78mm +/-0.25mm
Т	1.397mm MAX
S	2.54mm TYP
F	0.254mm +/-0.051mm
A	9.144mm MAX
С	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	

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:	8.2 uF	
Capacitance Tolerance:	10%	
Voltage DC:	200 VDC	
Dielectric Withstanding Voltage:	500 VDC	
Temperature Range:	-55/+125°C	
Temperature Coefficient:	BR	
Dissipation Factor:	2.5%	
Insulation Resistance:	121.951 MOhms	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



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