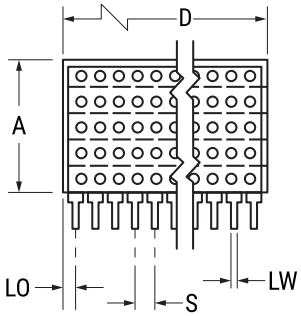
# M49470Q01224KEN

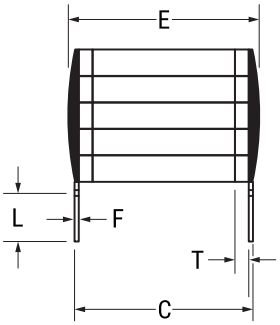
Aliases (L1QN50C224KB24)

KPS LDD Mil SMPS PRF49470, Ceramic, 0.22 uF, 10%, 500 VDC, BQ, N/A

Side View




End View




Click here for the 3D model.

| 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 - https://www.p65warnings.ca.gov./ |
| SCIP Number | 2499890a-0e07-42ff-98a1-bd02d3b7c2ec |
| Termination | 60/40 Solder Coated |
| Lead | Wire Leads |
| Failure Rate | N/A |
| Testing and Reliability | Level B |
| Qualifications | MIL-PRF-49470 |
| Notes | Note: Number of chips in stack depends on design. Note: Lead alignment within pin rows shall be within ±.0.13 mm. |

| Dimensions | |
|---|---|
| D | 6.335mm +/-0.645mm |
| L | 6.35mm MIN |
| T | 1.397mm MAX |
| S | 2.54mm TYP |
| F | 0.254mm +/-0.051mm |
| A | 6.096mm MAX |
| C | 6.35mm +/-0.635mm |
| E | 7.62mm MAX |
| G | 1.4mm +/-0.25mm |
| LO | 1.586mm MAX |
| LW | 0.508mm +/-0.051mm |

| Specifications | |
|---|---|
| Capacitance | 0.22 uF |
| Tolerance | 10% |
| Voltage DC | 500 VDC |
| Dielectric Withstanding Voltage | 750 VDC |
| Temperature Range | -55/+125°C |
| Temp. Coefficient | BQ |
| Dissipation Factor | 2.5% |
| Insulation Resistance | 4.5455 GOhms |

| Packaging Specifications | |
|---|---|
| Packaging | Waffle, Box |
| Packaging Quantity | 64 |

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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