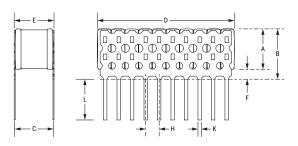
**KEMET Part Number: L1GN70G473KA10** 



## KPS-MCL Indust C0G HT200C, Ceramic, 0.047 uF, 10%, 2000 VDC, C0G



| Dimensions |                   |
|------------|-------------------|
| D          | 26.9mm MAX        |
| L          | 6.35mm MIN        |
| Н          | 2.54mm +/-0.127mm |
| F          | 1.397mm +/-0.25mm |
| Α          | 6.6mm MAX         |
| В          | 8.64mm MAX        |
| С          | 6.35mm +/-0.635mm |
| E          | 7.62mm MAX        |
| K          | 0.5mm +/-0.05mm   |

| Packaging Specifications |             |  |
|--------------------------|-------------|--|
| Packaging:               | Waffle, Box |  |
| Packaging Quantity:      | 25          |  |

| General Information |  |  |
|---------------------|--|--|
| Series:             | KPS-MCL Indust C0G HT200C                                  |  |
| Style:              | Leaded Stacked Chip  |  |
| Description:        | Low Loss, Low ESR, Stacked<br>Ceramic Chips                |  |
| Features:           | 200C, Low ESR, High Thermal<br>Stability, Bulk Capacitance |  |
| RoHS:               | With Exemptions  |  |
| REACH:              | SVHC (Pb – CAS 7439-92-1)                                  |  |
| Termination:        | Silver   |  |
| Lead:               | Straight Leads   |  |
| AEC-Q200:           | No   |  |
| Notes:              | Number of chips in this stack: 10.                         |  |

| Specifications                      |                     |  |
|-------------------------------------|---------------------|--|
| Capacitance:                        | 0.047 uF            |  |
| Capacitance Tolerance:              | 10%                 |  |
| Voltage DC:                         | 2000 VDC            |  |
| Dielectric Withstanding<br>Voltage: | 2400 VDC            |  |
| Temperature Range:                  | -55/+200°C          |  |
| Temperature Coefficient:            | COG                 |  |
| Dissipation Factor:                 | 0.1% 1 kHz 25C      |  |
| Aging Rate:                         | 0% Loss/Decade Hour |  |
| Insulation Resistance:              | 21.28 GOhms         |  |

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.

