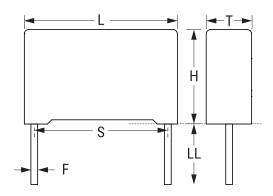
## KEMET Part Number: C4AQJLU4380P12J



## C4AQ-P, Film, Metallized Polypropylene, Automotive DC Link, 3.8 uF, 5%, 700 VDC, Lead Spacing = 27.5mm



| General Information |   |
|---------------------|---|
| Series:             | C4AQ-P                                  |
| Dielectric:         | Metallized Polypropylene                |
| Style:              | Radial                                  |
| Features:           | DC Filtering                            |
| RoHS:               | Yes                                     |
| Lead:               | Wire Leads                              |
| Qualifications:     | AEC-Q200, IEC61071,<br>EN61071, VDE0560 |
| AEC-Q200:           | Yes                                     |
| Miscellaneous:      | Rth = 39 C/W.                           |
|                     | -                                       |

| Dimensions |                  |
|------------|------------------|
| L          | 32mm +0.5/-0.7mm |
| Н          | 15mm +0.2/-0.7mm |
| Т          | 24mm +0.3/-0.7mm |
| S          | 27.5mm +/-0.4mm  |
| LL         | 6mm -2mm         |
| F          | 0.8mm +/-0.05mm  |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging:               | Bulk, Box |  |
| Packaging Quantity:      | 168       |  |

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 3.8 uF                                      |
| Capacitance Tolerance: | 5%  |
| Voltage DC:            | 700 VDC                                     |
| Temperature Range:     | -55/+125°C                                  |
| Insulation Resistance: | 7.89 GOhms                                  |
| Max dV/dt:             | 65 V/us                                     |
| Resistance:            | 14.52 mOhms (10kHz 70C)                     |
| Ripple Current:        | 7.1 Amps Irms (10kHz 75C), 247<br>Amps Ipkr |
| Inductance:            | 13 nH                                       |

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