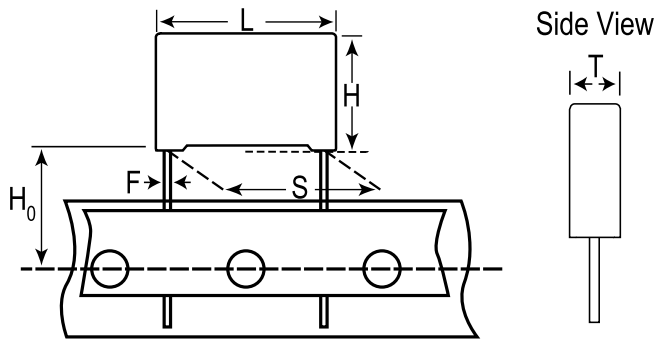


## R60GI4150GY30J

Aliases (60GI4150GY30J)

R60, Film, Metallized Polyester, Automotive Grade, 1.5 uF, 5%, 160 VDC, 85°C, 15 mm



Click [here](#) for the 3D model.

### General Information

|                |                                                                                                                                               |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Series         | R60                                                                                                                                           |
| Dielectric     | Metallized Polyester                                                                                                                          |
| Style          | Radial                                                                                                                                        |
| Features       | Automotive Grade, DC Multipurpose Applications                                                                                                |
| RoHS           | Yes                                                                                                                                           |
| Termination    | Tinned Wire                                                                                                                                   |
| Lead           | Wire Leads                                                                                                                                    |
| Qualifications | AEC-Q200                                                                                                                                      |
| AEC-Q200       | Yes                                                                                                                                           |
| Miscellaneous  | Upper Operating Temperature Of 125C Is Allowed For A Maximum Operating Time Of 1,000 Hours. Above 85C, DC And AC Voltage Derating Is 1.25%/C. |

### Dimensions

|                |                    |
|----------------|--------------------|
| L              | 18mm +/-0.5mm      |
| H              | 14.5mm +0.1/-0.5mm |
| T              | 8.5mm +0.2/-0.5mm  |
| S              | 15mm +/-0.4mm      |
| H <sub>0</sub> | 18.5mm +/-0.5mm    |
| F              | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 355mm |
| Packaging Quantity | 300        |

### Specifications

|                       |            |
|-----------------------|------------|
| Capacitance           | 1.5 uF     |
| Tolerance             | 5%         |
| Voltage DC            | 160 VDC    |
| Voltage AC            | 90 VAC     |
| Temperature Range     | -55/+105°C |
| Rated Temperature     | 85°C       |
| Dissipation Factor    | 1% 1kHz    |
| Insulation Resistance | 10 GOhms   |
| Max dV/dt             | 9 V/us     |
| Inductance            | 10 nH      |

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