

## P295BE821M500A

P295, Film, Metallized Paper, Automotive Safety, 820 pF, 20%, 1,500 VDC, 500 VAC (Y1), 115°C, 15 mm



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

### General Information

|                          |                              |
|--------------------------|------------------------------|
| Series                   | P295                         |
| Dielectric               | Metallized Paper             |
| Style                    | Radial                       |
| Features                 | EMI Safety                   |
| RoHS                     | Yes                          |
| Termination              | Tinned Wire                  |
| Lead                     | Wire Leads                   |
| Safety Class             | Y1                           |
| Qualifications           | ENEC, UL, cUL, CQC, AEC-Q200 |
| AEC-Q200                 | Yes                          |
| Typical Component Weight | 1.53 g                       |
| Miscellaneous            | SRF = 49 MHz.                |

### Dimensions

|    |                 |
|----|-----------------|
| L  | 18mm MAX        |
| H  | 12.5mm MAX      |
| T  | 5.5mm MAX       |
| S  | 15mm +/-0.4mm   |
| LL | 30mm +5mm       |
| F  | 0.8mm +/-0.05mm |
| G  | 0.5mm NOM       |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 500       |

### Specifications

|                       |              |
|-----------------------|--------------|
| Capacitance           | 820 pF       |
| Tolerance             | 20%          |
| Voltage DC            | 1500 VDC     |
| Voltage AC            | 500 VAC (Y1) |
| Temperature Range     | -40/+115°C   |
| Rated Temperature     | 115°C        |
| Dissipation Factor    | 1.3% 1kHz    |
| Insulation Resistance | 12 GOhms     |
| Max dV/dt             | 2,000 V/us   |

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