

ERP610W681MYFO

Aliases (C831YF681M760X, ERP610VH3680MYFO)

Obsolete

ERP610 SFTY X1-760 Y1-500, Ceramic, 680 pF, 20%, 760 VAC (X1), 500 VAC (Y1), Y5U, Lead Spacing = 10mm



The measurement position of Lead Spacing (S) and Width (V) is critical in straight lead capacitors.

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

Dimensions

| | |
|----|-----------------|
| D | 8mm MAX |
| T | 5mm MAX |
| S | 10mm NOM |
| LL | 3mm +2mm |
| F | 0.8mm +/-0.05mm |
| A | 6mm MAX |
| V | 2.1mm +/-0.5mm |

Packaging Specifications

| | |
|-----------|-----------|
| Packaging | Bulk, Bag |
|-----------|-----------|

General Information

| | |
|----------------|---|
| Series | ERP610 SFTY X1-760 Y1-500 |
| Style | Radial Disc |
| Description | Ceramic Single Layer Safety Disc Capacitors |
| RoHS | Yes |
| Termination | Tin |
| Qualifications | UL, CSA, CAN, ENEC, VDE |
| AEC-Q200 | No |

Specifications

| | |
|-------------------------|----------------------------|
| Capacitance | 680 pF |
| Capacitance Tolerance | 20% |
| Voltage AC | 760 VAC (X1), 500 VAC (Y1) |
| Temperature Range | -40/+125°C |
| Temperature Coefficient | Y5U |
| Dissipation Factor | 2.5% |
| Insulation Resistance | 10 GOhms |
| Safety Class | X1/Y1 |