

FEATURES

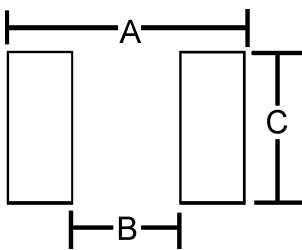
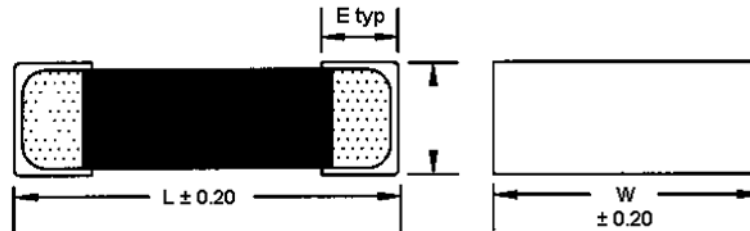
- High capacity values.
- Noise suppression. Coupling.
- Reflow soldering only.
- Low ESR.

SPECIFICATIONS

| Performance Characteristics | |
|---------------------------------------------------------------|-------------------------------------------------------|
| Operating Temperature Range | -40°C ~ +85°C. |
| Voltage Range | 16VDC. |
| Withstanding Voltage (between leads) | 1.75 times rated voltage for 1 ~ 5 seconds. |
| Capacitance Range (20°C, 1KHz) | 0.1µF ~ 1.0µF. |
| Capacitance Tolerance | ±20%. |
| Maximum Dissipation Factor % (20°C, 1KHz) | 1.5. |
| Minimum Insulation Resistance (25°C) (after 1 minute minimum) | 1000MΩ (C < 0.33MF). RC 300 MΩ x MF. (C > 0.33MF). |

PART NUMBERING

| Part Number Example: 935X-016/104MTR0805F | | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|---|------------------|---|------------------------|----------------|----------------|-----------|----------------|
| 935X | - | 016 | / | 104 | M | TR | 0805 | F |
| Type | | Rated DC Voltage | | Capacitance Code (pF)* | Tolerance Code | Package Code** | Reel Size | RoHs Compliant |
| * Capacitance Code: First two digits represent significant figures, third digit represents multiplier (number of zeros). | | | | | | | | |
| ** Package Code: TR = Tape & Reel. | | | | | | | | |



RECOMMENDED LAND PATTERN DIMENSIONS (mm)

| Code | A | B | C |
|------|-----|-----|-----|
| 1 | 2.4 | 0.8 | 1.1 |
| 2 | 3.6 | 1.8 | 1.4 |
| 3 | 3.6 | 1.8 | 2.3 |

STANDARD PRODUCT TABLE

| Capacitance (µF) | 16VDC | | | | | | | |
|------------------|-------|-----|------|-----|------|----------|--------------|----------|
| | Code | L | W | T | E | EIA Size | Land Pattern | Qty/Reel |
| 0.1 | 104 | 2.0 | 1.25 | 1.0 | 0.45 | 0805 | 1 | 3000 |
| 0.15 | 154 | 3.2 | 1.6 | 0.8 | 0.65 | 1206 | 2 | 3000 |
| 0.22 | 224 | 3.2 | 1.6 | 0.8 | 0.65 | 1206 | 2 | 3000 |
| 0.33 | 334 | 3.2 | 1.6 | 1.0 | 0.65 | 1206 | 2 | 3000 |
| 0.47 | 474 | 3.2 | 1.6 | 1.4 | 0.65 | 1206 | 2 | 2000 |
| 0.68 | 684 | 3.2 | 1.6 | 1.4 | 0.65 | 1206 | 2 | 2000 |
| 1.0 | 105 | 3.2 | 2.5 | 1.4 | 0.65 | 1210 | 3 | 2000 |