

Product Reference: **99Z81**

## Crimps with Dual Wall Polyolefin Heat Shrink Cover

Watertight crimp splice covered with dual wall heat shrinkable tubing.

Crimps consist of a crimp barrel covered with a dual wall heat shrinkable tubing that has a hot melt inner liner and is available in three sizes. Sizes are colour coded. All colours are transparent.

- Quick installation
- Good strain relief
- Watertight
- Solvent and moisture resistant
- Visual inspection is simple
- Good physical and electrical properties



PTO

## Siegrist-Orel Ltd.

### Crimps with Dual Wall Heat Shrinkable Cover

#### Dimensions

| Type No    | Wire Size mm <sup>2</sup> / A.W.G | Length (mm) | Quantity (pcs) Small box / M.O.Q |
|------------|-----------------------------------|-------------|----------------------------------|
| 1 (Red)    | 0.5 - 1.5 / 22-16                 | 36 +/- 1.5  | 1000 / 5000                      |
| 2 (Blue)   | 1.5 - 2.5 / 16-14                 | 36 +/- 1.5  | 1000 / 3000                      |
| 3 (Yellow) | 4.0 - 6.0 / 12-10                 | 41 +/- 1.5  | 500 / 2000                       |

Application Voltage: up to 600v

#### Properties

| Properties   | Test Method   | Requirements            |
|--|---------------|-------------------------|
| Operating Temperatures   |               | -55°C - +105°C          |
| Minimum Shrink Temp.   |               | +150°C                  |
| Tensile Strength   | ASTM D 638    | 10.4 MPa min.           |
| Ultimate Elongation  | ASTM D 638    | 200% min.               |
| Heat Resistance<br>(175°C x 168h)  | MIL-DTL-23053 | No cracking at bending  |
| Heat Shock<br>(250°C x 4h)   | MIL-DTL-23053 | No cracking             |
| Secant Modulus   | ASTM D 882    | 173 MPa min.            |
| Dielectric Withstand   | UL224         | 2KV AC/1 min.           |
| Volume Resistivity   | ASTM D 876    | 10 <sup>15</sup> Ohm-cm |
| Copper Mirror Corrosion<br>(121°C x 16h)   | MIL-DTL-23053 | No corrosion            |
| Water Absorption   | ASTM D 570    | 0.5% max                |
| Fluid Resistance<br>(23°C x 24h)<br>Tested:<br>MIL-H-5606<br>MIL-L-23699<br>MIL-L-7808<br>Toluene (30%) + Iso<br>Octane (70%)<br>MIL-A-8243 (de-icing agent)<br>Iso Propyl Alcohol | MIL-DTL-23053 | 200% min                |

#### Ordering Crimps:

Size: 1, 2 or 3

Colour: RED, BLUE or YELLOW