

# HI Temperature Wire Wrap



## Product Description

### Application:

Electronics and Solderless Wrap Connections

### Multi-construction

single

### Construction

#### Conductor

Silver plated Copper

AWG

See table 1

Construction(mm)

See table 1

#### Jacket

ETFE

Nom.Thickness(mm)

0.15mm

Dia.(mm)

See table 1

Jacket Color

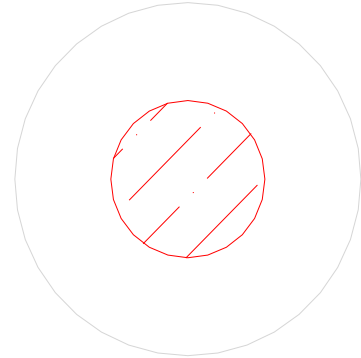
White, Black, Red, Green, Yellow, Blue,  
Brown, Orange, Grey and Purple

### Marking

### PACKAGING

100M/Reel

## Design



### Electrical Characteristics

Max.Conductor DC Resistance at 20°C (Ω/Km)

24AWG

87.9

26AWG

140

28AWG

223

30AWG

354

Rated Temperature(°C)

-65 to +160

Rated Voltage(V)

300

Insulation DC Resistance at 20°C (MΩ\*KM)

>500

Reference

MIL-W-81822/13

UL 1516 & 1523

Table 1

| Product code         | AWG | Conductor(mm) | jacket(mm) |  |
|----------------------|-----|---------------|------------|--|
| KPL Type ZT 2401 SPC | 24  | 0.51          | 0.81±0.05  |  |
| KPL Type ZT 2601 SPC | 26  | 0.404         | 0.7±0.05   |  |
| KPL Type ZT 2801 SPC | 28  | 0.32          | 0.62±0.05  |  |
| KPL Type ZT 3001 SPC | 30  | 0.254         | 0.55±0.03  |  |

## RoHS GUIDELINE

We operate according to the following standards

| Control Item                         | Standard  | Testing Method  | Testing Equipment |
|--------------------------------------|-----------|-----------------|-------------------|
| Cadmium content (Cd)                 | <0.01%    | EN1122          | ICP-AES           |
| Lead content (Pb)                    | <0.1%     | EPA3050B        | ICP-AES           |
| Mercury content (Hg)                 | <0.1%     | EPA3052         | ICP-AES           |
| Chromium (VI) content                | <0.1%     | EPA3060(UN-VIS) | ICP-AES           |
| Polybrominated Biphenyls(PBB)        | Forbidden | GC/MS           |                   |
| Polybrominated Diphenyl Ether (PBDE) | Forbidden | GC/MC           |                   |

## Revision History

A0-1

Date: 2011-11-04

Page: 1 / 1



RS Stock numbers:

|          |
|----------|
| 801-5104 |
| 801-5108 |
| 801-5079 |
| 801-5088 |
| 801-5081 |
| 801-5085 |
| 801-5094 |
| 801-5097 |
| 801-5091 |
| 801-5101 |