

K2 SPECIFICATION VALUES

| PROPERTY (UNITS) | TEST METHOD | REQUIREMENT |
|---|--|---|
| Physical: Tensile strength (psi) Elongation (%) Specific gravity Low temperature flex. (-55° C) Heat shock (275° C, 4 hrs.) Heat resistance (250° C, 168 hrs.) Elongation (%) Secant modulus (psi) Deformation (150° C, 1 hr.) (%) Longitudinal change (%) | ASTM D 638 ASTM D 638 ASTM D792 AMS-DTL-23053 AMS-DTL-23053 ASTM D638 ASTM D882 UL 224 AMS-DTL-23053 | 3500 min. 200 min. 2.0 max. no cracking no cracking 100 min. 100,000 min. 50 max. ±10 |
| Electrical: Dielectric strength (volts) Volume resistivity (ohm-cm) | ASTM D 2671 ASTM D 876 | 400 min. 1.0 X 10 ¹¹ min. |
| Chemical: Copper stability (180° C, 168 hrs.) Elongation (%) Water absorption (%) Fluid resistance (23° C, 24 hrs.) Tensile strength (psi) Flammability Shrink temperature, nominal Vacuum Outgassing TML, % CVCM, % | UL 224 ASTM D570 AMS-DTL-23053 UL-224 VW-1 ASTM-E-595 ASTM-E-595 | 70% of unaged value min. 0.5 max. 2000 min. Pass 150° C 1.0 max. 0.1 max. |

Specification reference: UL-224, 150° C, VW-1
 File E-70631 YDQS2, Cat. No. SUMITUBE K2 or 875
 AMS-DTL-23053/18B, Class 1


SUMITOMO ELECTRIC
INTERCONNECT PRODUCTS INC.
www.seipusa.com

915 Armorlite Drive
 San Marcos, CA 92069

Telephone: (800) 758-3515
 FAX: (800) 758-3517