Series 171 thru 173
Flat Pin-Staked Flex Jumpers

FEATURES

• Combination of Thin, Flexible, Solid Cu Conductors Embedded between layers of Tough, Flexible, Flame-retardant Insulation

GENERAL SPECIFICATIONS

• STANDARD CABLE INSULATION: white UL VW-1, Style 2643 flame-retardant Polyester (Mylar) adhesive
• HIGH-TEMP FLAME-RETARDANT CABLE INSULATION: Polyimide (Kapton®) with Acrylic Adhesive
• CABLE CONDUCTORS: solid Cu with cross-sectional area equivalent to 26-gauge AWG
• FEMALE HOUSING: black UL 94V-0 glass-filled Stanyl® 4/6 Nylon
• CRIMP-ON PINS: spring-tempered Cu 510
• CABLE CURRENT RATING: 3 amps
• CABLE VOLTAGE RATING: 300V
• CABLE DIELECTRIC STRENGTH: 2500V/mil, min. (standard) 4000V/mil, min. (high-temp)
• CABLE INSULATION RESISTANCE: 1000 MΩ min. (standard) 100,000 mΩ (high-temp)
• STANDARD OPERATING TEMPERATURE: -67 to 221°F [-55 to 105°C]
• HT OPERATING TEMPERATURE: -67 to 257°F [-55 to 125°C]
• FEMALE HOUSING ACCEPTS LEADS: 0.024-0.030 [0.61-0.76] square, 0.150 [3.81] long min.

MOUNTING CONSIDERATIONS

• SUGGESTED PCB HOLE SIZE: 0.032 ± 0.002 [0.81 ± 0.05] dia.

ORDERING INFORMATION

XX-XXXXX-17X XX

Optional Plating
TL = Sn/Pb Special Order Only
Jumper Series
171 = Male Sn, both ends
172 = Male/Female, both Sn
173 = Female Sn, both ends

Cable Length “L” (inches)
2.00” = 002 (min)
2.50” = 002.5
2.25” = 002.25
2.125” = 002.125
Etc.

No. of Conductors
4 thru 40

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