SPECIFICATION CONTROL DRAWING

TITLE
TWO CONDUCTOR CABLE, FLAT BRAID SHIELDED, JACKETED, 600 VOLT

CONSTRUCTION DETAILS

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>CONDUCTOR SIZE (AWG)</th>
<th>SHIELD STRAND THICKNESS (+ .0004)</th>
<th>JACKET THICKNESS (IN.)</th>
<th>DIAMETER (IN.)</th>
<th>WEIGHT (lbs/1000 ft)</th>
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<tr>
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<td>LOWER SPEC LIMIT</td>
<td>TARGET WALL</td>
<td>LOWER SPEC LIMIT</td>
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CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C
Maximum continuous conductor temperature
VOLTAGE RATING: 600 volts (rms)
CROSSLINK VERIFICATION: 300 ± 3°C for 1 hour
DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz
JACKET COLOR: White preferred
JACKET ELONGATION AND TENSILE STRENGTH:
Elongation, 50% (minimum)
Tensile Strength, 5000 lb/in² (minimum)
JACKET FLAWS:
Spark Test, 1000 volts (rms), 60 Hz, 100% test
Impulse Dielectric Test, 6.0 kV (peak), 100% test

SHIELD COVERAGE: 05% (minimum)
VOLTAGE WITHSTAND TEST (POST ENVIRONMENTAL):
1000 volts (rms), 60 Hz, 1 minute

PART NUMBER:
The "-" in the part numbers above shall be replaced by color code designators with a slash separating the component wire colors from the jacket color.
Example: AWG 22, red and blue component wires; white jacket: 55PC2123-22-2/6-9

COLOR AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-681.

This specification sheet takes precedence over documents referenced herein. Referenced documents shall be of the issue in effect on date of invitation for bid.
Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:

55PC2123-20-6/9-4CS2950  55PC2123-12-6/9-9CS2950  55PC2123-22-6/9-4CS2950  55PC2123-22-0/9-9-F737
55PC2123-16-6/9-9CS2950