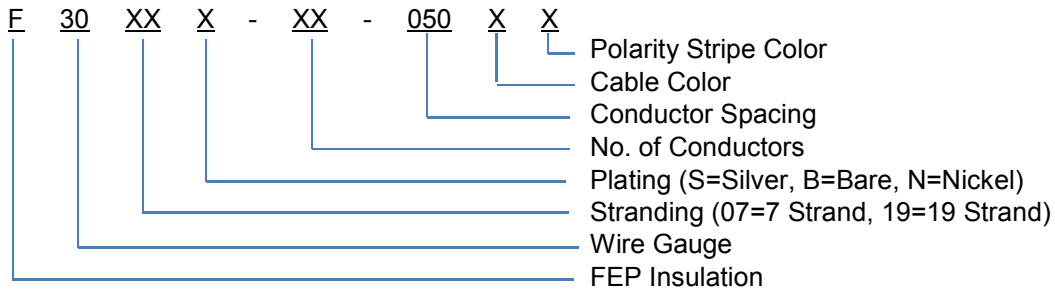


# TEMP-FLEX

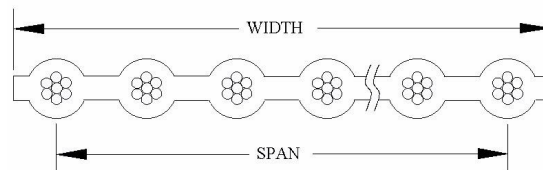
a **molex** company

## **INSULATION DISPLACEMENT CABLE:** 0.025" PITCH, 30 AWG, STRANDED EXTRUDED FEP

### PART NUMBER DESCRIPTION



### MECHANICAL CHARACTERISTICS



| Number of Conductors | Span         | Width        |
|----------------------|--------------|--------------|
| 10                   | 0.225 ± .005 | 0.250 ± .007 |
| 16                   | 0.375 ± .005 | 0.400 ± .007 |
| 20                   | 0.475 ± .005 | 0.500 ± .010 |
| 26                   | 0.625 ± .005 | 0.650 ± .007 |
| 30                   | 0.725 ± .005 | 0.750 ± .007 |
| 34                   | 0.825 ± .005 | 0.850 ± .007 |
| 40                   | 0.975 ± .006 | 1.000 ± .007 |
| 50                   | 1.225 ± .006 | 1.250 ± .010 |
| 60                   | 1.475 ± .006 | 1.500 ± .010 |
| 64                   | 1.575 ± .006 | 1.600 ± .010 |
| 68                   | 1.675 ± .006 | 1.700 ± .010 |
| 80                   | 1.975 ± .006 | 2.000 ± .010 |
| 100                  | 2.475 ± .006 | 2.500 ± .010 |

|                                 |                                                                                                            |               |
|---------------------------------|------------------------------------------------------------------------------------------------------------|---------------|
| Impedance (ohms)                | 85 Unbalanced                                                                                              | 120 Balanced  |
| Capacitance (pF/ft)             | 16.8 Unbalanced                                                                                            | 10.8 Balanced |
| Inductance (uH/ft)              | 0.11 Unbalanced                                                                                            | 0.16 Balanced |
| Propagation delay (ns/ft)       | 1.25                                                                                                       |               |
| Velocity of propagation (%)     | 81                                                                                                         |               |
| Insulation resistance (meg-ohm) | >500                                                                                                       |               |
| Voltage rating                  | 150V                                                                                                       |               |
| Temperature rating              | 150C                                                                                                       |               |
| Conductor Type                  | <b>Standard:</b> 30 AWG, 7/38, Silver Plated Copper<br><b>Optional:</b> 30 AWG 19/42, Silver Plated Copper |               |
| Insulation                      | FEP                                                                                                        |               |
| Number of Conductors            | 10 to 100                                                                                                  |               |
| Color                           | <b>Standard:</b> Natural with blue polarity stripe                                                         |               |

### STANDARD PACKAGING

100 ft./Reel, 50 Ft. minimum average length, 10 Ft. minimum length  
UL STYLE 20726

### MINIMUM ORDER QUANTITY:

500ft

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