



Series 112, 113, and 114 Deci-Center™ Jumpers

FEATURES

- Wide Array of DIP Jumper Configurations and Wiring Possibilities
- Reliable, Electronically-tested Solder Connections
- Strain Relief Provided thru Potted DIP End
- Protective Covers on Header
- Pitch Bars Maintain 0.100 [2.54] Conductor Spacing
- Easy Identification and Tracing with 10-color Cable

GENERAL SPECIFICATIONS

- **HEADER BODY & PITCH BAR:** black UL 94V-0 glass-filled 4/6 Nylon
- **HEADER PINS:** Brass 1/2-hard
- **PIN PLATING:** 10μ [0.25μ] min. Au per MIL-G-45204 over 50μ [1.27μ] min. Ni per SAE AMS-QQ-N-290B
- **CABLE INSULATION:** UL Style 2697 Polyvinyl Chloride (PVC)
- **CABLE LAMINATE:** clear PVC, self-extinguishing*
- **0.050 [1.27] PITCH CONDUCTORS:** 28-AWG, 7/36-strand, tinned Cu per ASTM B 33
- **0.039 [0.99] PITCH CONDUCTORS:** 26-AWG, 7/34-strand)
- **CABLE CURRENT RATING:** 1 amp at 10°C [50°F] above ambient
- **CABLE VOLTAGE RATING:** 300V
- **CABLE TEMPERATURE RATING:** 176°F [80°C]
- **CABLE CAPACITANCE:** 13.0pF/ft. [42.7pF/meter] nominal at 1MHz*
- **CROSSTALK:** 10-ft sample, 5ns rise time with 2 lines driven; near end 4.7%; far end 4.3% nominal*
- **PROPAGATION DELAY:** 1.5ns/ft. [4.9ns/meter] nominal*
- **INSULATION RESISTANCE:** 1010Ω (10 ft. [3 meters] min.)

MOUNTING CONSIDERATIONS

- **SUGGESTED PCB HOLE SIZE:** 0.033 ±0.002 [0.86 ±0.05] dia.

* Applies to 0.050 [1.27] Pitch Cable Only

Centers "C"	Dim. "D"	Available Sizes
0.300 [7.62]	0.395 [10.03]	4 thru 20
0.400 [10.16]	0.495 [12.57]	22
0.600 [15.24]	0.695 [17.65]	24, 28, 40



ORDERING INFORMATION

XX-XXX-XXX

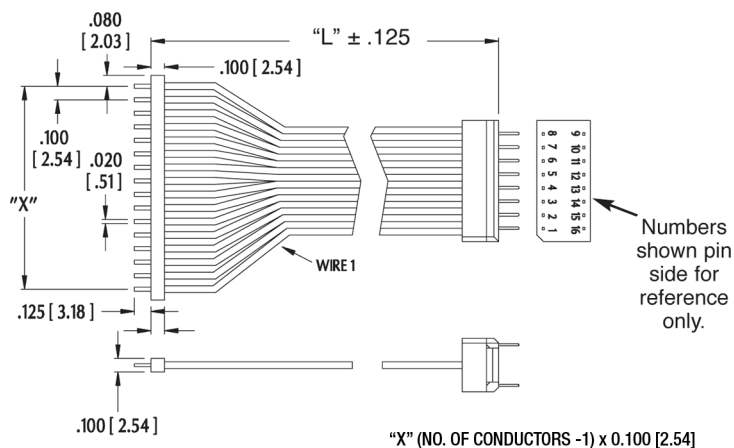
Series

112, 113, 114
112X, 113X, 114X
(see Wiring Table)

Cable Length (inches)

3.0" = 003 (min)
3.5" = 003.5

No. of Conductors
(See Table)



SERIES 112

ALL DIMENSIONS: INCHES [MILLIMETERS]

ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED

FOR OTHER CONFIGURATIONS, SEE [DATA SHEET 11008](#)

FOR JUMPER LENGTHS UNDER 3.000 [76.20], CONSULT FACTORY

CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

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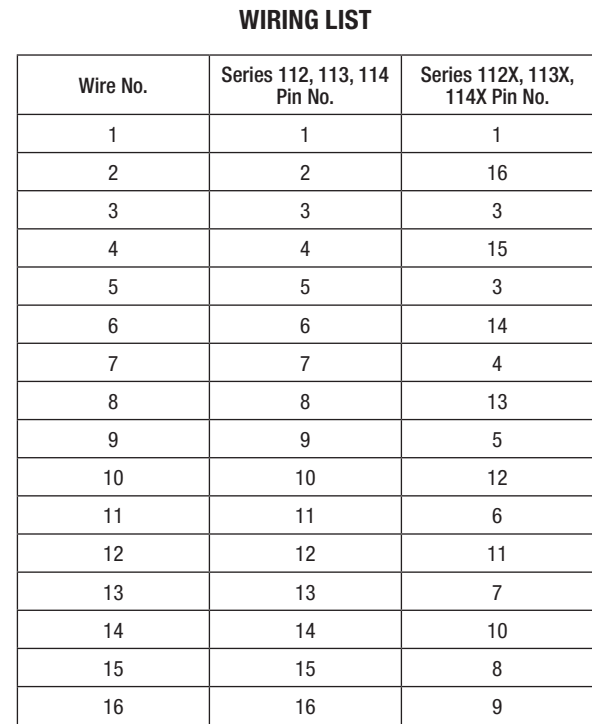
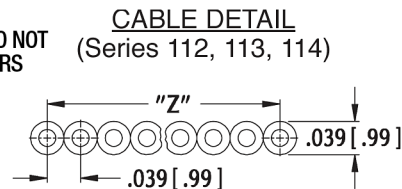
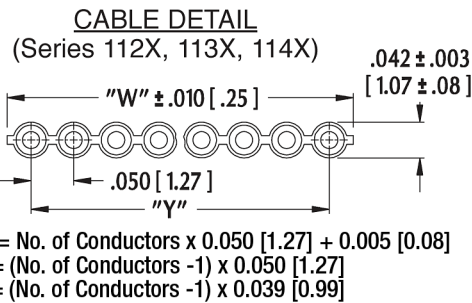
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11008
Rev. 6.1
1 of 2



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