



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

FEATURES

- Aries offers a wide array of DIP jumper configurations and wiring possibilities for all your programming needs
- Reliable, electronically-tested solder connections
- DIP-end cable is potted to provide strain relief
- Protective covers are also provided on header
- Pitch bars help maintain 0.100 [2.54] conductor spacing
- 10-color cable allows for easy identification and tracing
- For jumper lengths under 3.000 [76.20] [Consult Factory](#)

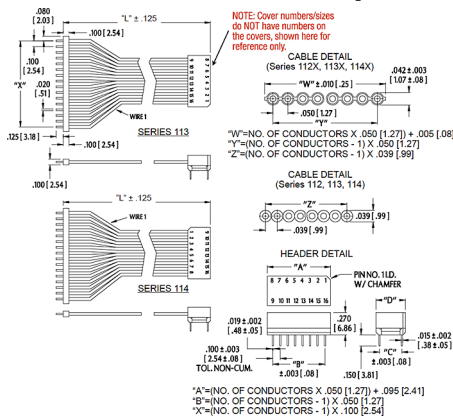


GENERAL SPECIFICATIONS

- **HEADER BODY AND 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.)
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MOUNTING CONSIDERATIONS

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



ORDERING INFORMATION

XX-XXXX XXX

- **Jumper Series**
112, 113, 114, 112X, 113X, 114X (see Wiring Table)
- **Cable Length (inches)**
3.0" = 0.003 [0.0762]
3.5" = 0.0035 [0.08890]
- **No. of Conductors**
(see Wiring Table)

WIRING TABLE

Wire Number	Series 112, 113, 114 Pin Number	Series 112X, 113X, 114X Pin Number
1	1	1
2	2	16
3	3	2
4	4	15
5	5	3
6	6	14
7	7	4
8	8	13
9	9	5
10	10	12
11	11	6
12	12	11
13	13	7
14	14	10
15	15	8
16	16	9

ALL DIMENSIONS: INCHES [MILLIMETERS]
 ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED
 CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

CUSTOMIZATION: ARIES SPECIALIZES IN CUSTOM DESIGN AND PRODUCTION. SPECIAL MATERIALS, PLATINGS, SIZES, AND CONFIGURATIONS CAN BE FURNISHED, DEPENDING ON QUANTITY.

ARIES RESERVES THE RIGHT TO CHANGE PRODUCT GENERAL SPECIFICATIONS WITHOUT NOTICE

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