

6 5 4 3 2 1

APPROVED: _____
 DATE: _____ TITLE: _____

| Rev | AWO # | Description | Date | Appr |
|-----|-------|-------------|---------|------|
| - | | RELEASED | 1/19/18 | |

Technical drawing showing top, side, and cross-sectional views of an IDC socket. Dimensions are provided in inches and millimeters (in brackets). Key dimensions include: .120 [3.05], .050 [1.27], .085 [2.15], .126 [3.20], .159 [4.05], .075 [1.90], .067 [1.70], .025 [0.635], .120 [3.05], .079 [2.00], .122 [3.10], .197 [5.00], .025 [0.635], .075 [1.90], .050 [1.27], .120 [3.05], .079 [2.00], .122 [3.10], .197 [5.00].

Positions: 6 thru 80
 A= .050 [1.27] x No. of Positions per row + .165 [4.20]
 B= .050 [1.27] x No. of Spaces
 C= .025 [0.635] x No. of (Positions-1)
 D= .050 [1.27] x No. of Positions per row + .057 [1.44]
 E= .050 [1.27] x No. of Positions per row + .029 [0.74]

SPECIFICATIONS:

Material:
 Insulator: PBT, Glass reinforced, rated UL 94V-0
 Insulator color: Black
 Contact: Phosphor Bronze
 Plating:
 Gold flash over Nickel underplate overall
 Electrical:
 Current rating: 1 Amp
 Contact resistance: 20 mohms max
 Insulation resistance: 1000 Mohms min
 Dielectric withstanding voltage: 500 VAC
 Temperature Rating:
 -40°C to +105°C
 Environmental:
 Lead free, RoHS compliant.

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|---|-----------------------|--|--|
| UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED | | ADAM TECH 909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710 | |
| INCHES | | INTERCONNECTS | |
| .X ± .10 | ∅X ± .10 | TITLE .050 x .050 IDC SOCKET, LOW PROFILE FOR SINGLE LAYER .025" FLAT CABLE | |
| .XX ± .020 | ∅XX ± .015 | | |
| .XXX ± .015 | ∅XXX ± .010 | | |
| APPROVALS | | DATE | |
| DRAWN AY | | 1/19/18 | |
| CHECKED DH | | 1/19/18 | |
| APPROVED | | | |
| SIZE X | PART NO. HFCS-A1-XX-G | REV. - | |
| REF: S00111C | SCALE: NTS | SHEET 1 OF 1 | |

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