

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], .050 [1.27], .057 [1.44], .029 [0.74].

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.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED		<b>ADAM TECH</b> 909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710	
INCHES		<b>INTERCONNECTS</b>	
.X ± .10	∅X ± .10	TITLE <b>.050 x .050 IDC SOCKET, LOW PROFILE FOR SINGLE LAYER .025" FLAT CABLE</b>	
.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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