

PART NUMBER CODING

B56DHR -S621

MATERIALS (INSULATOR / CONTACT)

R = BLACK, PPS/ PHOSPHOR BRONZE

OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C FOR 120 SECS MAX

G = BLACK, PA9T/ PHOSPHOR BRONZE

OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C FOR 20 SECS MAX

A = BLACK, PPS/ BERYLLIUM COPPER

OPERATING TEMP: -65°C TO +150°C
PROCESSING TEMP: 260°C FOR 120 SECS MAX

J = BLACK, PA9T/ BERYLLIUM COPPER

OPERATING TEMP: -65°C TO +150°C
PROCESSING TEMP: 260°C FOR 20 SECS MAX

MOUNTING STYLE

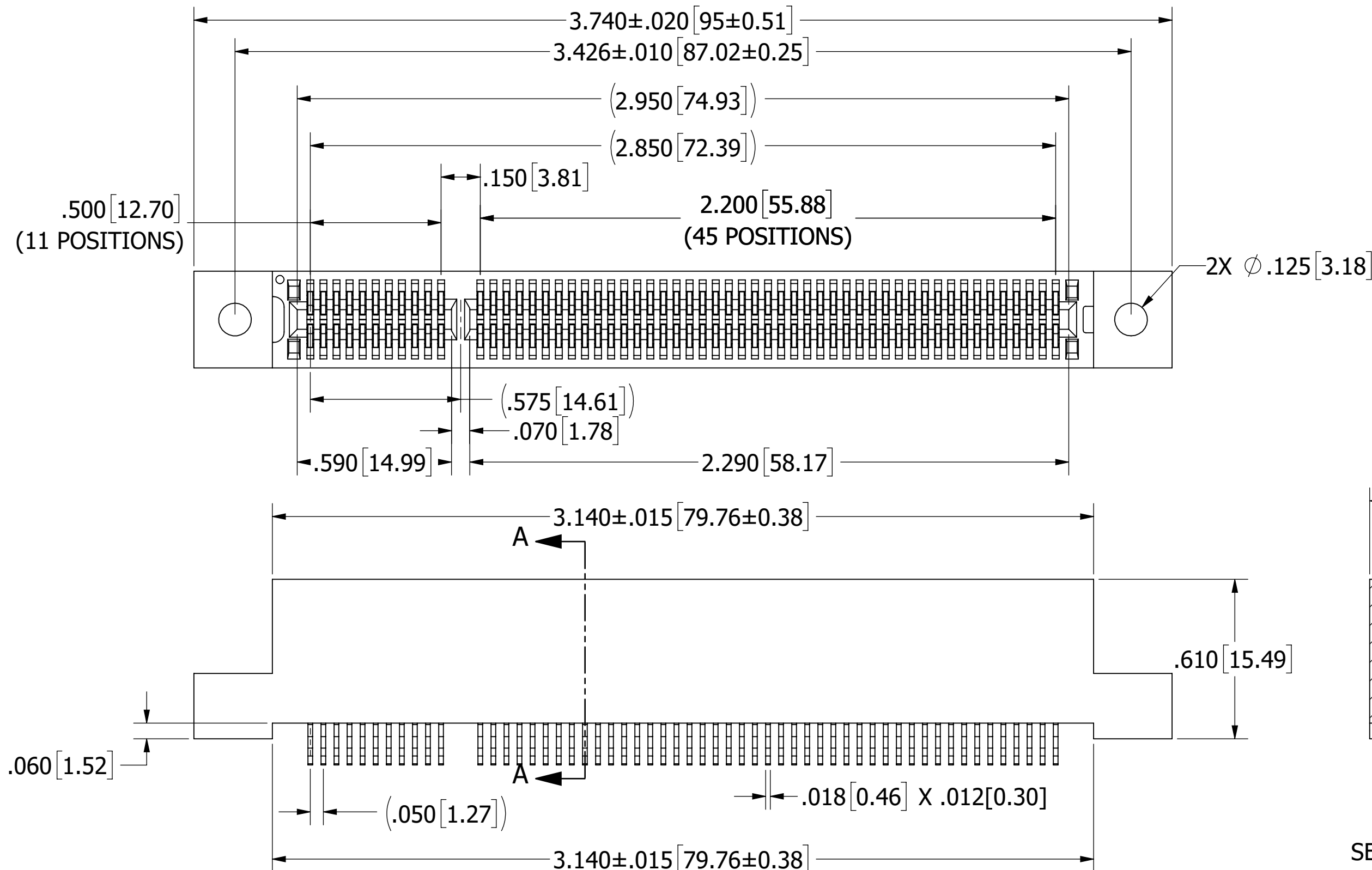
- D = FLUSH MOUNTING
- N = NO MOUNTING EARS (PAGE 2)
- T = FLUSH MOUNTING WITH # 4 - 40 THREADED INSERTS (PAGE 2)
- Q = STRADDLE MOUNT (PAGE 2)

PLATING

ALL PLATINGS ARE LEAD FREE AND HAVE .000050" NICKEL UNDERPLATE

- | | |
|-------------------|--------------------------|
| CONTACT SURFACE | TERMINATION |
| B = .000010" GOLD | .000100" PURE TIN, MATTE |
| C = .000030" GOLD | .000100" PURE TIN, MATTE |

REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	2680	INITIAL RELEASE	11/8/2012	JH
B	4364	CHANGE STRADDLE MTG SLOT FROM .080 TO .070", SIDE HOLE FROM ϕ .078 TO ϕ .081", UPDATE NOTE 15	5/3/2021	JH



__B56DHRD-S621

NOTES:

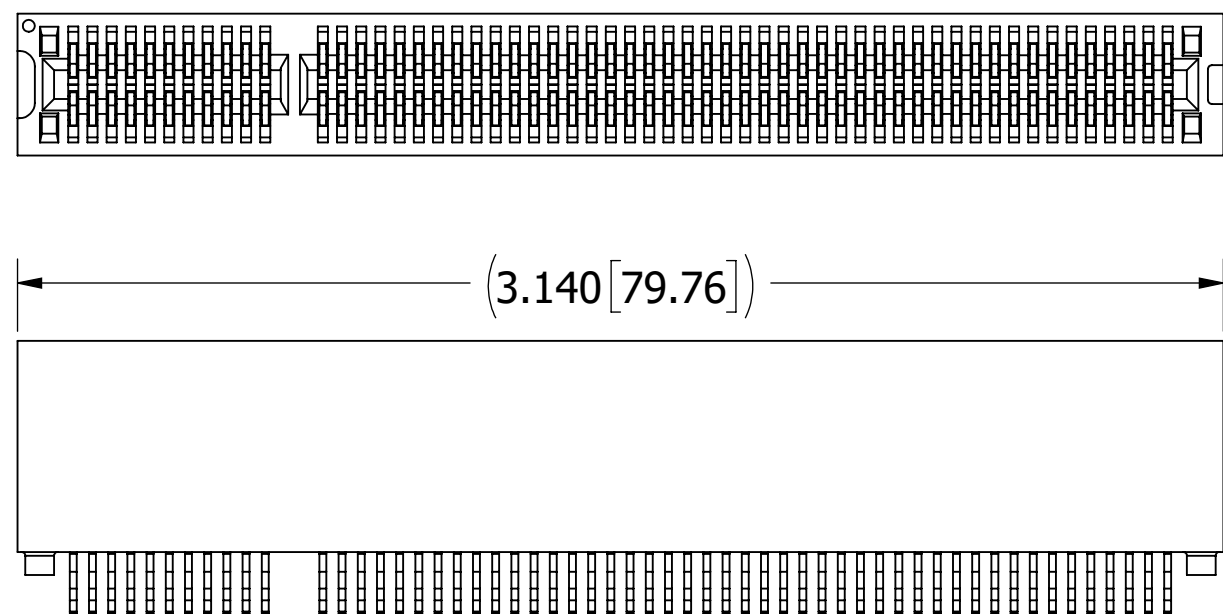
1. INSULATOR MATERIAL: SEE PART NUMBER CODING.
2. CONTACT MATERIAL: SEE PART NUMBER CODING.
3. PLATING: SEE PART NUMBER CODING.
4. OPERATING TEMPERATURE: SEE PART NUMBER CODING.
5. PROCESSING TEMP: SEE PART NUMBER CODING.
6. UL FLAMMABILITY RATING: 94V-0
7. OPERATING VOLTAGE: 300 VAC MINIMUM AT SEA LEVEL
8. CURRENT RATING: 1 AMP PER CONTACT
9. CONTACT RESISTANCE: 30 MILLI OHMS MAX
10. INSULATION RESISTANCE: 5000 MEGA OHMS
11. DURABILITY: 500 CYCLES MIN
12. CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A PART NUMBER AND LOT CODE
13. BOARD THICKNESS ACCOMMODATED: $.062 \pm .008 [1.57 \pm 0.20]$
14. INSERTION FORCE: 6 OZ MAX PER CONTACT PAIR WHEN USING A $.062 [1.57]$ TEST BLADE
15. WITHDRAWAL FORCE: 1/2 OZ MIN PER CONTACT PAIR USING $.062 [1.57]$ PCB
16. MODIFICATION: CARDSLOT BARRIERS WITHOUT GUIDE POSTS, 56 POSITION (11/45) [MCA]



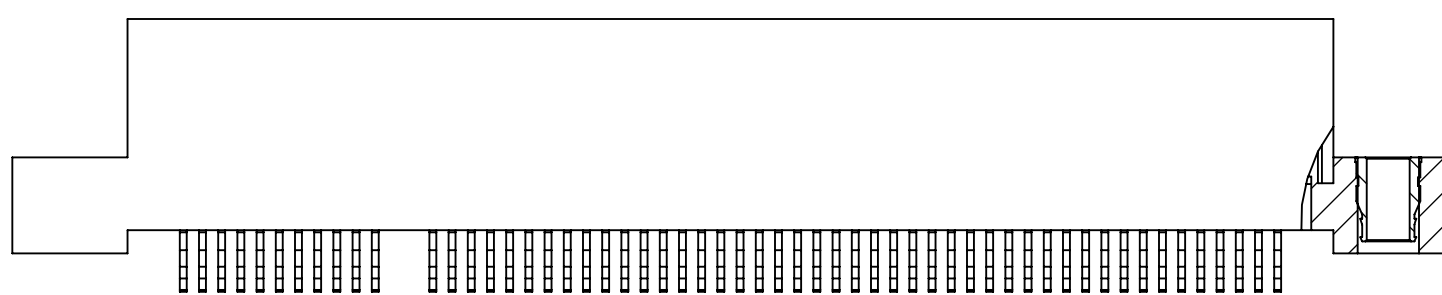
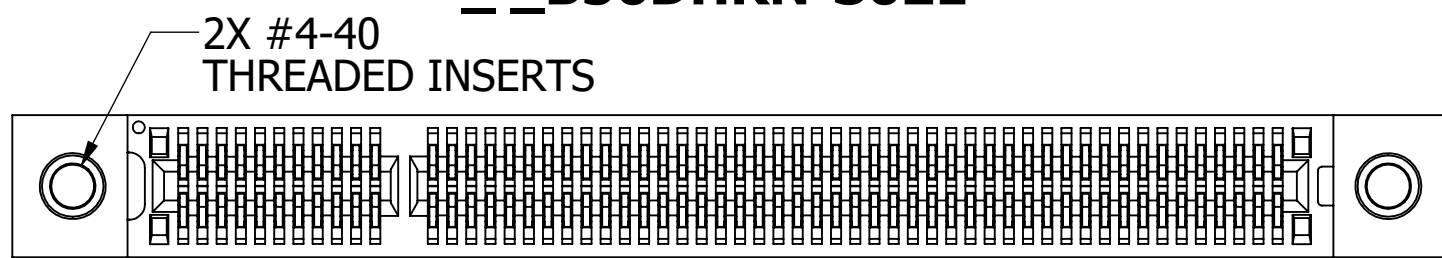
RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]		DRAWN	DATE	NAME	
			9/27/12	JH	
TOLERANCES:					THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.
ANGULAR: $\pm 1^\circ$					
DECIMALS .XX = $\pm .02 [.5]$.XXX = $\pm .005 [.13]$.XXXX = $\pm .0005 [.013]$					
TITLE		CONNECTOR, .050 CC			
PART NUMBER		B56DHR -S621			
SIZE	CAGE CODE	DWG. NO.	REV		
C	54453	C12095	B		
SCALE: 2.5:1		SHEET 1 OF 2			

CUSTOMER COPY

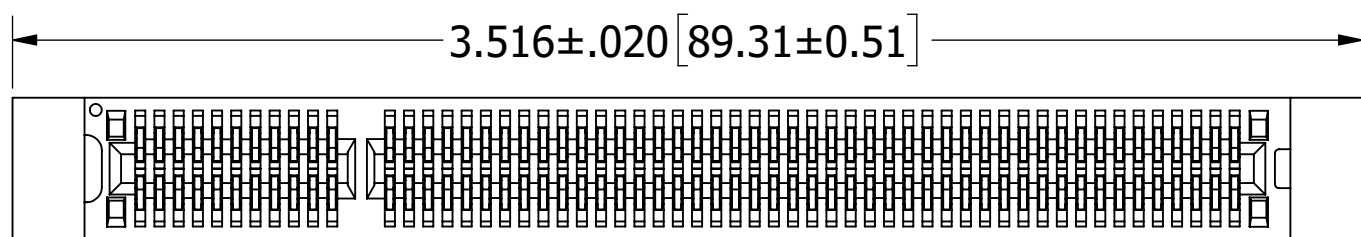


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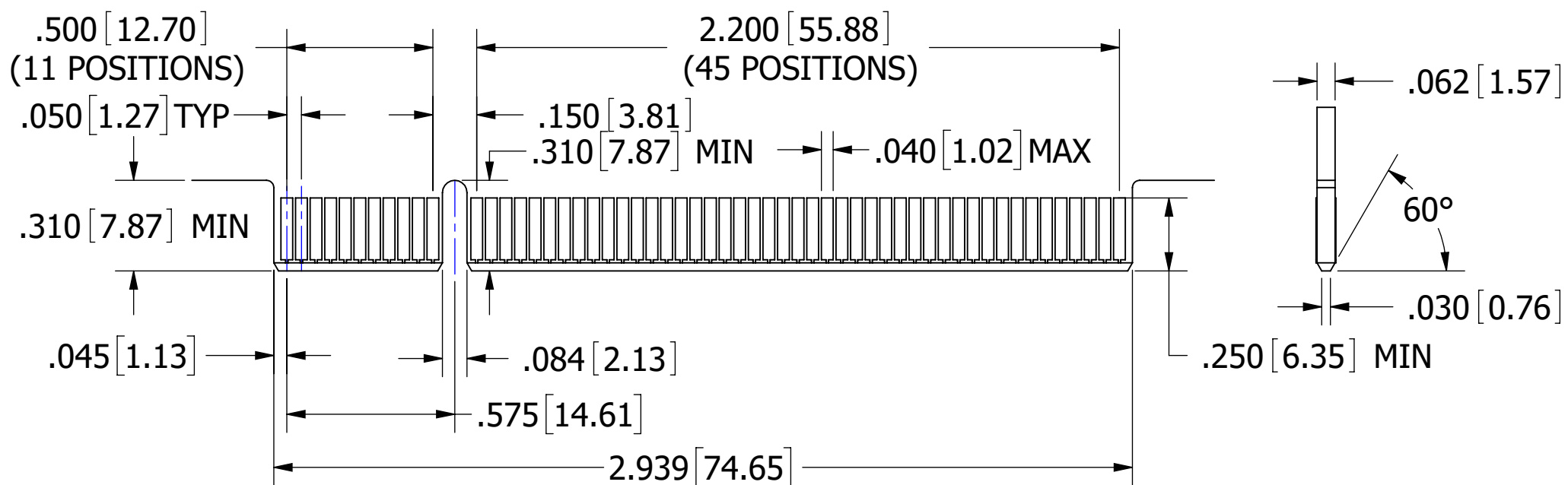
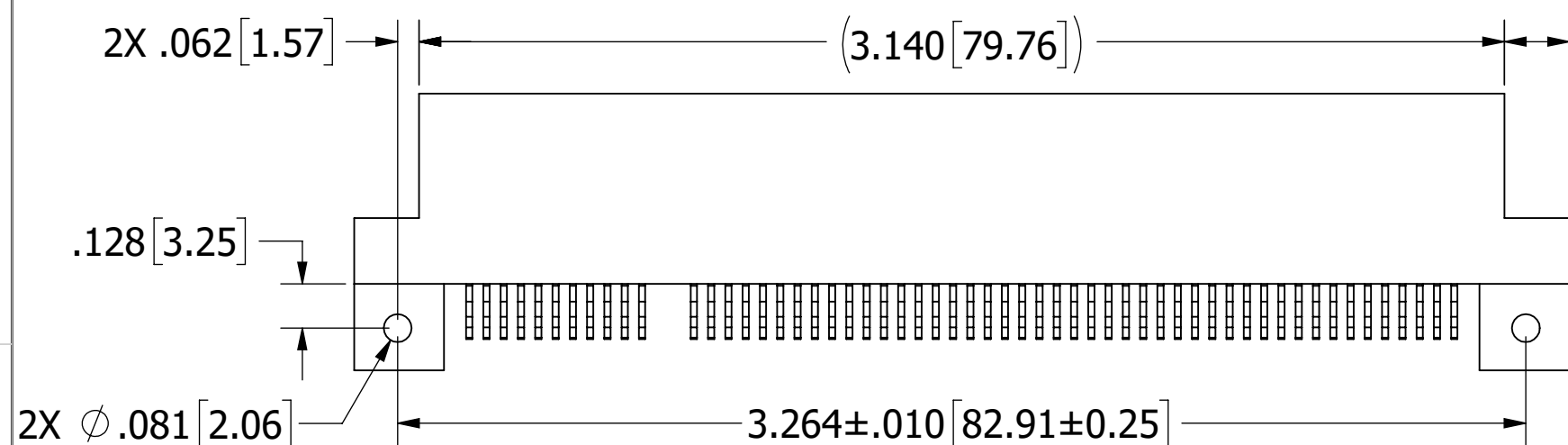


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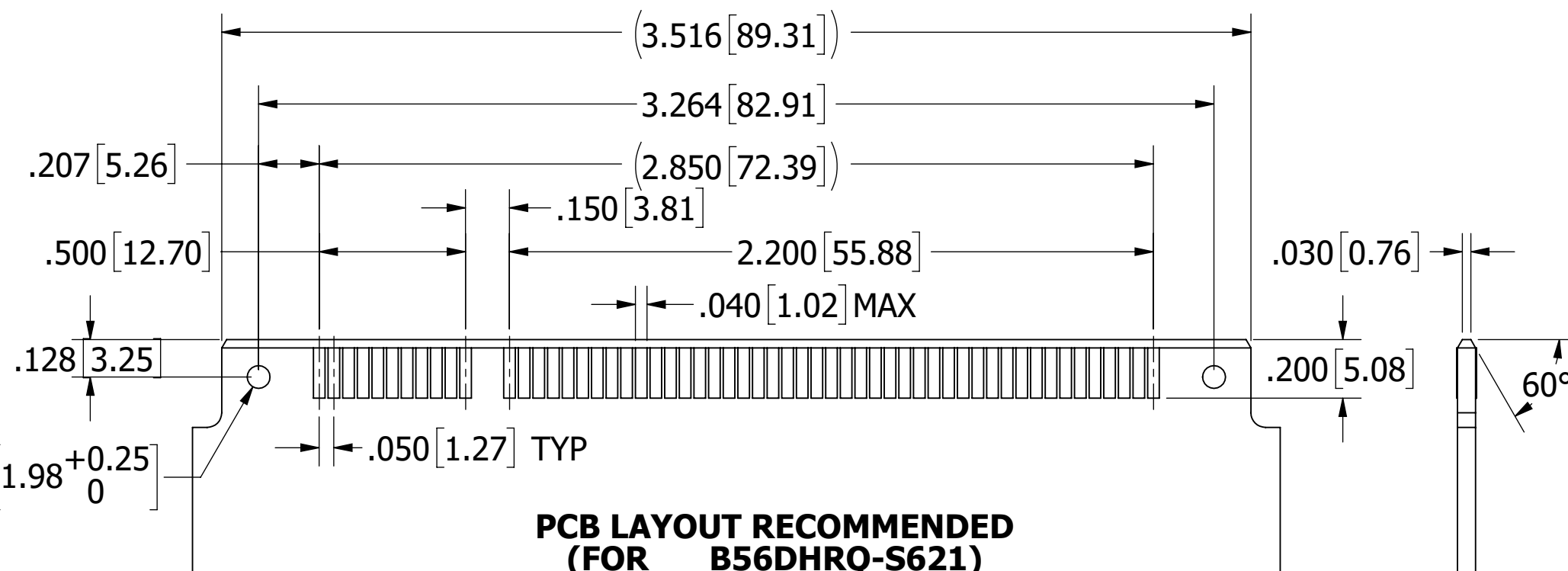
2X $\phi .078^{+.010}_{-.000}$ [1.98^{+0.25}₀]



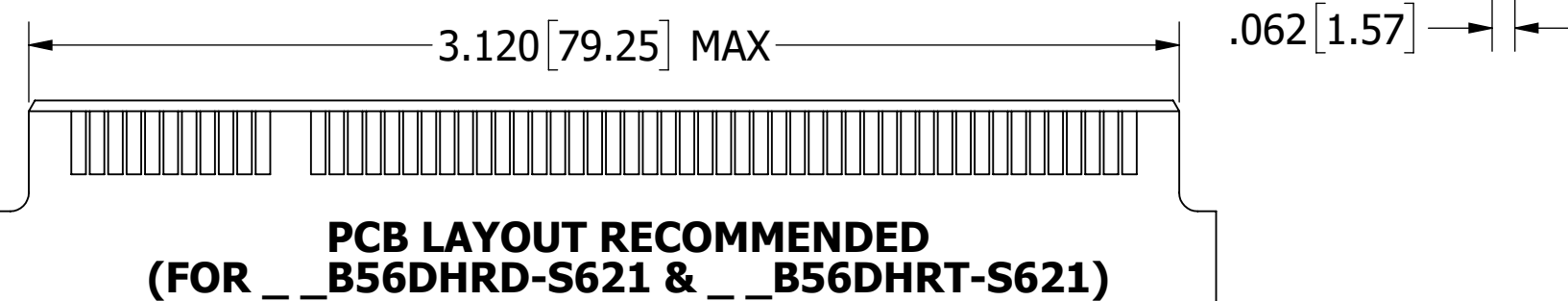
__B56DHRQ-S621



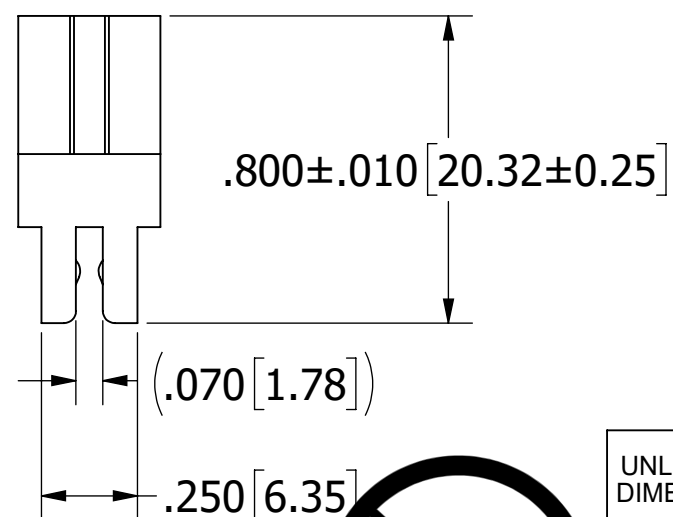
DAUGHTER CARD LAYOUT



PCB LAYOUT RECOMMENDED (FOR __B56DHRQ-S621)



PCB LAYOUT RECOMMENDED (FOR __B56DHRD-S621 & __B56DHRT-S621)



CUSTOMER COPY

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			9/27/12	JH		
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ANGULAR: ± 1°					TITLE CONNECTOR, .050 CC	
DECIMALS .XX = ± .02 [.5] .XXX = ± .005 [.13] .XXXX = ± .0005 [.013]					PART NUMBER __B56DHR_-S621	
SIZE C		CAGE CODE 54453	DWG. NO. C12095		REV B	
SCALE: 2:1			SHEET 2 OF 2			