

**AMPHENOL PART NUMBER CONFIGURATION**  
**U79 - A 1 X X - X X X X**

**HEAT SINK OPTION**

- 0 = CLIP SHIPPED, NO HEAT SINK
- 1 = NO HEAT SINK OR CLIP SHIPPED
- 2 = FIN HEAT SINK & CLIP (J=7.0mm)
- 3 = FIN HEAT SINK & CLIP (J=4.2mm)
- 4 = FIN HEAT SINK & CLIP (J=13.5mm)
- D = PIN-FIN HEAT SINK & CLIP (J=7.0mm)
- F = PIN-FIN HEAT SINK & CLIP (J=4.2mm)
- F = PIN-FIN HEAT SINK & CLIP (J=13.5mm)
- G = 45° FIN HEAT SINK & CLIP (J=7.0mm)
- H = 45° FIN HEAT SINK & CLIP (J=4.2mm)
- J = 45° FIN HEAT SINK & CLIP (J=13.5mm)

**PRESS FIT LENGTH OPTION**

- 1 = 2.50mm
- 2 = 2.15mm

**PLATING OPTION**

- 2 = NICKEL
- 3 = MATTE TIN

**OPTIONAL DUST COVER**

- 0 = WITHOUT DUST COVER
- D = WITH DUST COVER (SHIPPED LOOSE)

**NOTE:**  
 FOR "J" DIMENSION LOCATION SEE SHEET 2

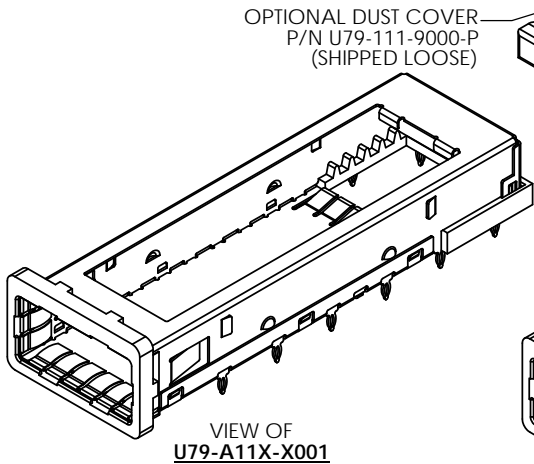
**PACKAGING**

- 1 = TRAY PACKAGING (HEAT SINK AND CLIP SHIPPED SEPARATELY IF ORDERED)
- T = TAPE AND REEL (HEAT SINK AND CLIP SHIPPED SEPARATELY IF ORDERED)
- A = TRAY PACKAGING (HEAT SINK & CLIP ASSEMBLED TO CAGE)
- B = TRAY PACKAGING (CLIP ASSEMBLED TO CAGE)

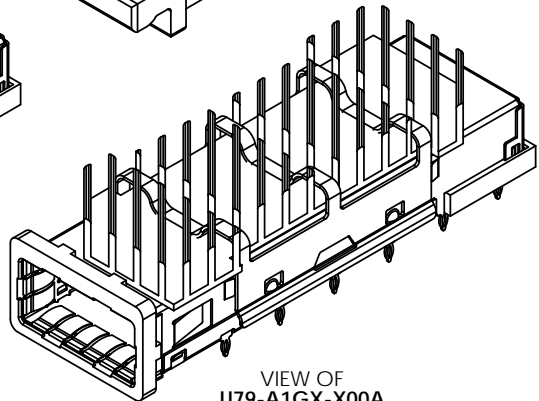
**OPTION**

- 0 = STANDARD
- 1 = HIGH CONDUCTIVITY REAR LOWER GASKET
- 2 = MYLAR TAPE ATTACHED TO BOTTOM CAGE WALL
- 3 = NO REAR LOWER GASKET
- 4 = NO REAR LOWER GASKET, MYLAR TAPE ATTACHED TO BOTTOM CAGE WALL

REVISIONS				
REV	ECN/E-R	DESCRIPTION	DATE	APPROVED
K		VIEW CORRECTED FOR OPTION WITH FIN TYPE HEAT SINK	FEB 06/09	A.G.
L		22.15 MIN ADDED / TOP VIEW CH. FORM H "G" TO "H"	AUG 10/09	A.G.
M		ADDED "IF ORDERED" TO THE PACKAGING NOTE	JUL 07/10	Z.J.
N		ADDED NEW OPTION OF 2.15mm LONG PRESS FIT PIN	SEP 28/11	Z.J.
P		ADDED NEW OPTION OF U79-A11X-XX4X	DEC 06/11	A.G.

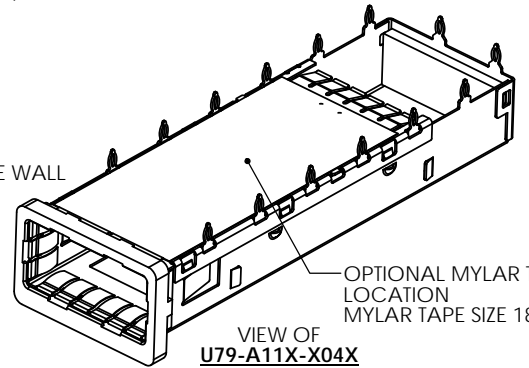
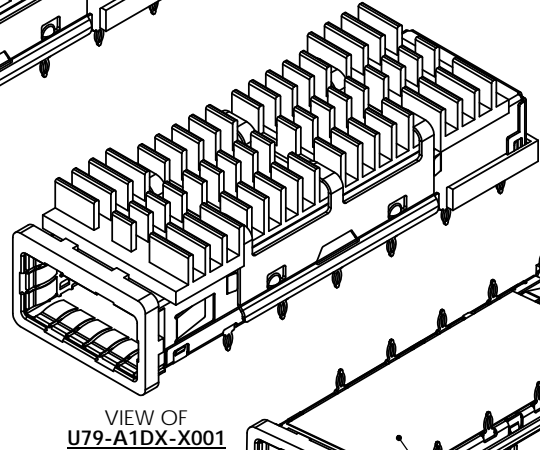
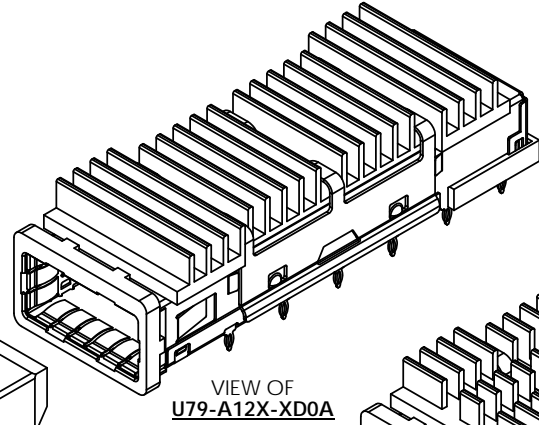


OPTIONAL DUST COVER  
 P/N U79-111-9000-P  
 (SHIPPED LOOSE)

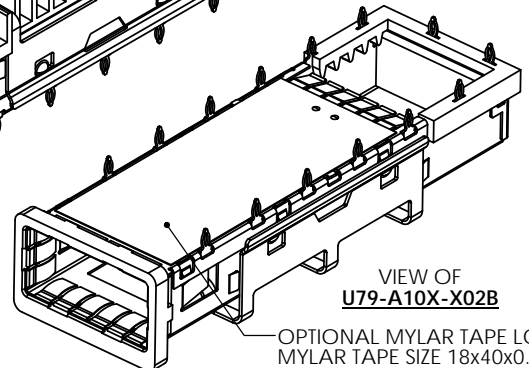


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OPTIONAL MYLAR TAPE LOCATION  
 MYLAR TAPE SIZE 18x40x0.10



OPTIONAL MYLAR TAPE LOCATION  
 MYLAR TAPE SIZE 18x40x0.10

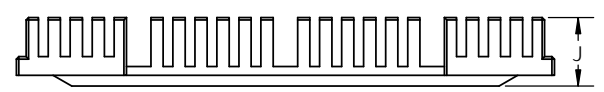
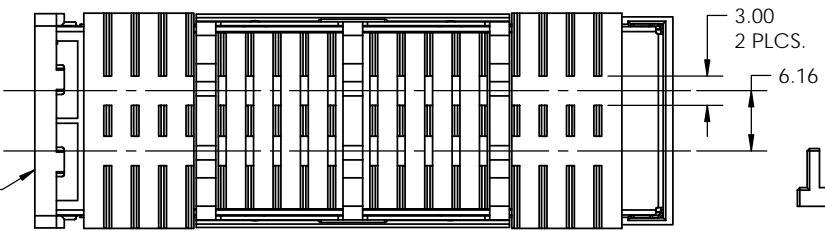


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DECIMALS	ANGLES	DRAWN	M.LONG	2005/11/29	TITLE	
X.X ± 0.15	± 1°	DESIGNED	M.LONG	2005/11/29	XFP CAGE	
X.XX ± 0.10		CHECKED	J.SI	2005/11/29		
MATERIAL AND FINISH		QA APPD				
REF		E APPD			SIZE	DWG. NO
					A3	P-U79-A1XX-XXXX
CODE IDENT NO:	03554	DWG APPD	A.GREEN	2005/11/29	SCALE	PROJECT
					2:1	SHEET 1 OF 5

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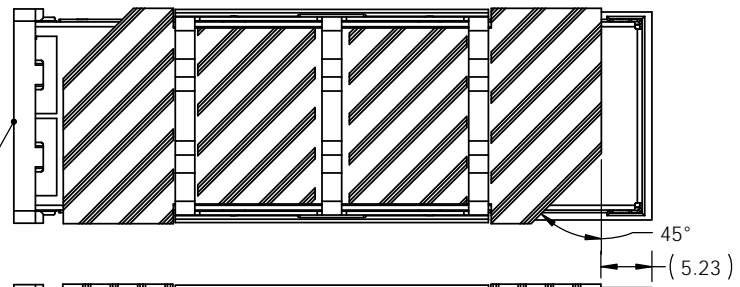
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TOP VIEW OF U79-A1DX-X001  
SHOWING HEAT SINK PIN-FIN CUTOUT

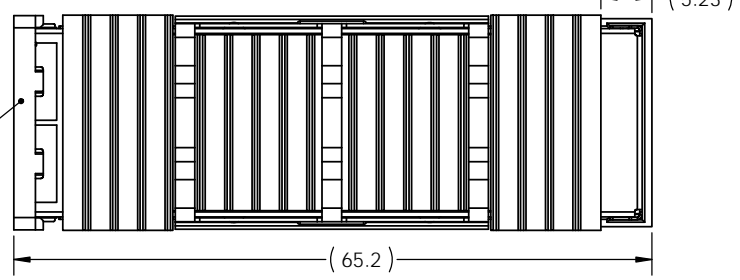


VIEW OF HEAT SINK

TOP VIEW OF U79-A1HX-X001  
SHOWING HEAT SINK FIN ANGLE



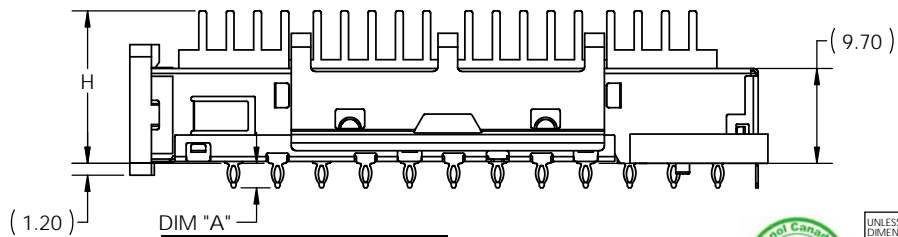
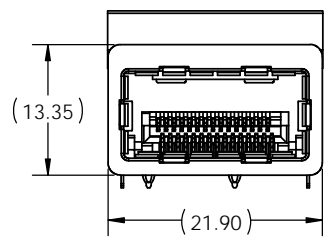
TOP VIEW OF U79-A12X-X001  
SHOWING STANDARD HEAT SINK FIN POSITION



PART NUMBER	DIM H	DIM J	HEAT SINK P/N
U79-A12X-XXXX	15.60	7.0	U79-111-6000
U79-A13X-XXXX	12.80	4.2	U79-111-6010
U79-A14X-XXXX	22.10	13.5	U79-111-6020
U79-A1DX-XXXX	15.60	7.0	U79-111-600B
U79-A1EX-XXXX	12.80	4.2	U79-111-601B
U79-A1FX-XXXX	22.10	13.5	U79-111-602B
U79-A1GX-XXXX	15.60	7.0	U79-111-600C
U79-A1HX-XXXX	12.80	4.2	U79-111-601C
U79-A1JX-XXXX	22.10	13.5	U79-111-602C

NOTES:

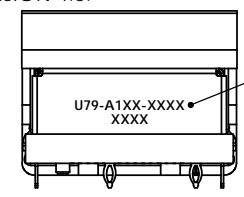
- MATERIAL:  
CAGE AND FRONT EMI SPRINGS: COPPER ALLOY  
FRONT FLANGE: ZINC ALLOY  
REAR GASKETS: CONDUCTIVE ELASTOMER  
HEAT SINK: ALUMINUM  
HEAT SINK CLIP: STEEL ALLOY  
PLATING: 2.54µm [100µ"] MIN. NICKEL.
- CAGE COMPLIANT TO XFP SPECIFICATION  
REVISION 4.5.



PART NUMBER	DIM "A"
U79-A1X1-XXXX	2.50
U79-A1X2-XXXX	2.15

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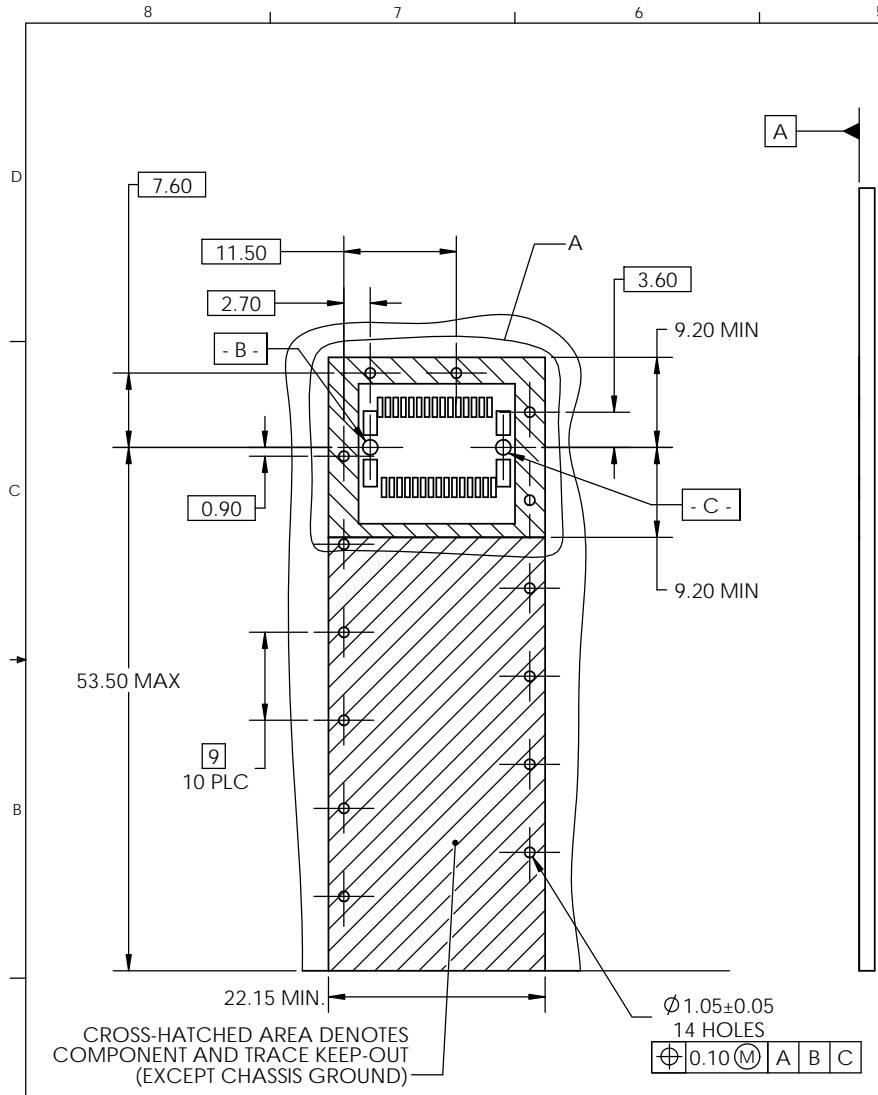


INK MARKING INFO.  
PART # AND DATE CODE

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REF		E APPD		SIZE		DWG. NO	
CODE IDENT NO: 03554		A.GREEN		A3		P-U79-A1XX-XXXX	
		2005/11/29		SCALE		PROJECT	
				2:1		SHEET	
						2 OF 5	

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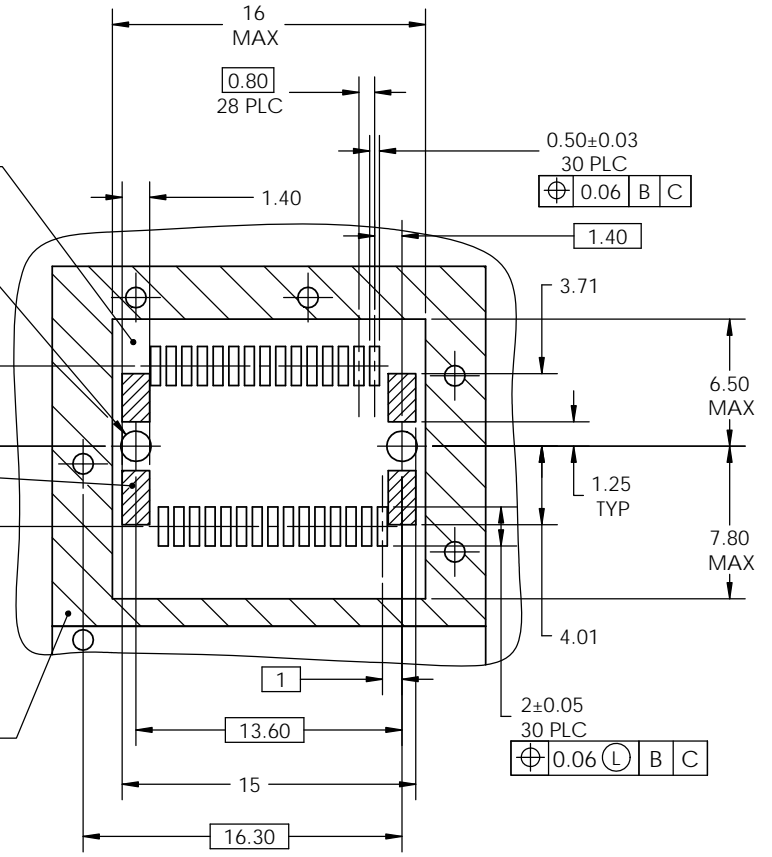
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AREA DONATES COMPONENT KEEP-OUT (TRACES ALLOWED)

CROSS-HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)

AREA TO BE CONDUCTIVE AND CONNECTED TO CHASSIS GROUND



DETAIL A  
SCALE 4 : 1

RECOMMENDED PC BOARD LAYOUT  
FOR U79-A1XX-XX0X AND U79-A1X1-XX1X  
(COMPONENT SIDE OF BOARD)

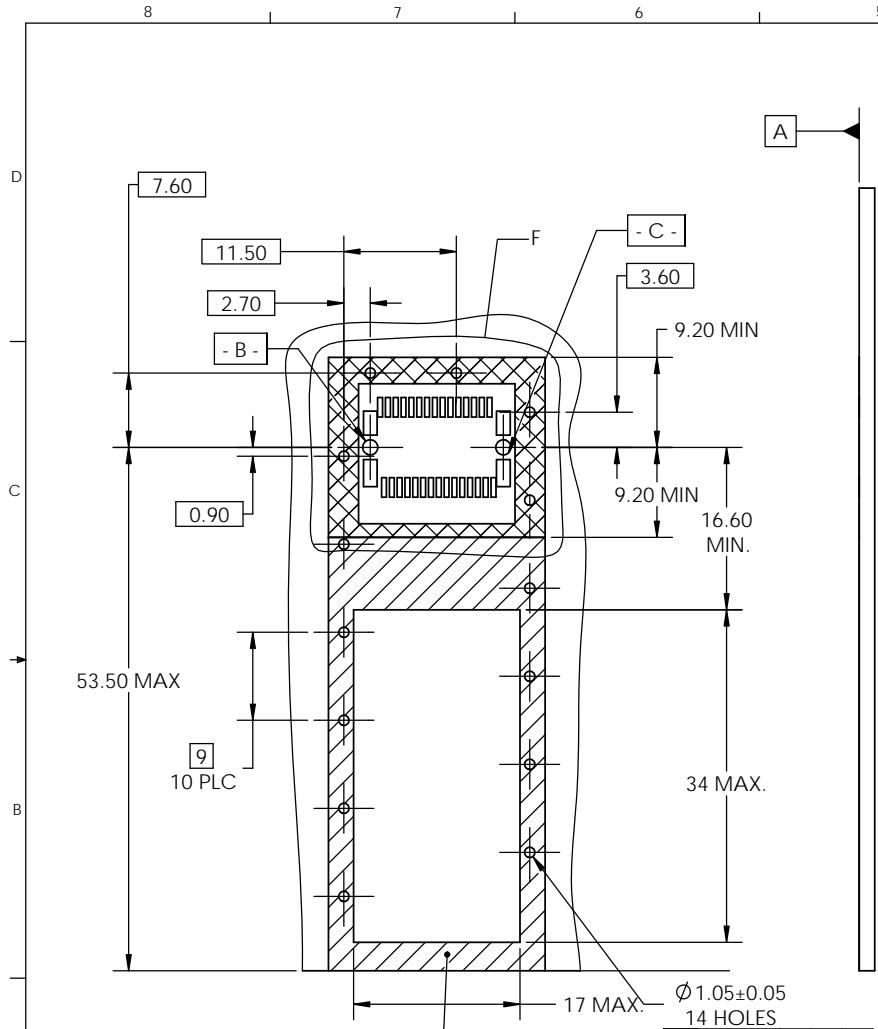
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CROSS-HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)

RECOMMENDED PC BOARD LAYOUT FOR U79-A1XX-XX2X & U79-A1XX-XX4X (COMPONENT SIDE OF BOARD)

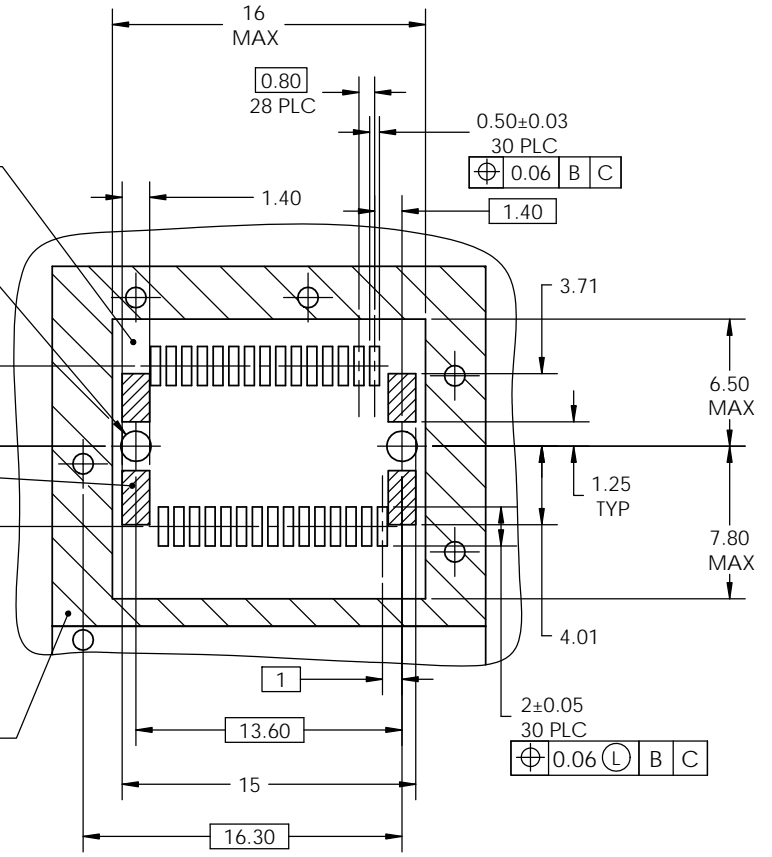
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AREA DONATES COMPONENT KEEP-OUT (TRACES ALLOWED)

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AREA TO BE CONDUCTIVE AND CONNECTED TO CHASSIS GROUND

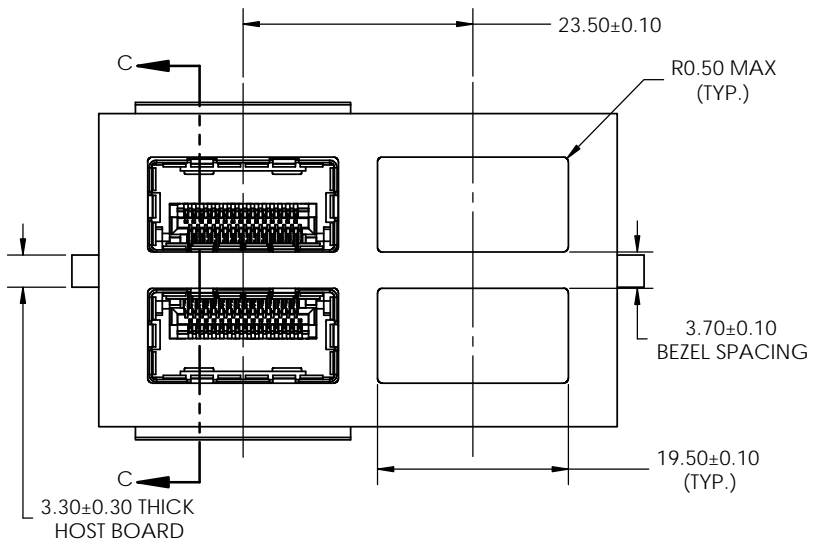


DETAIL F SCALE 4 : 1

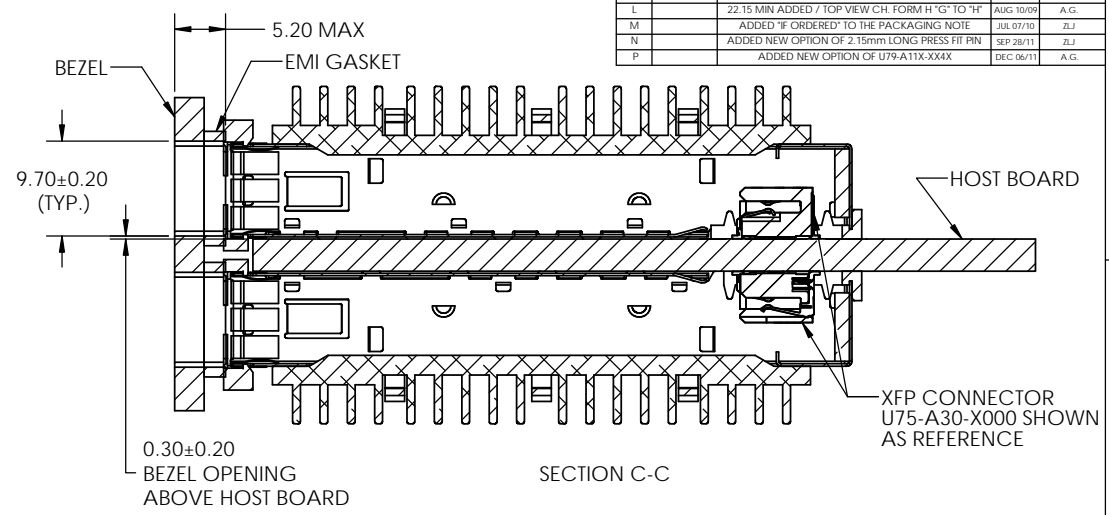


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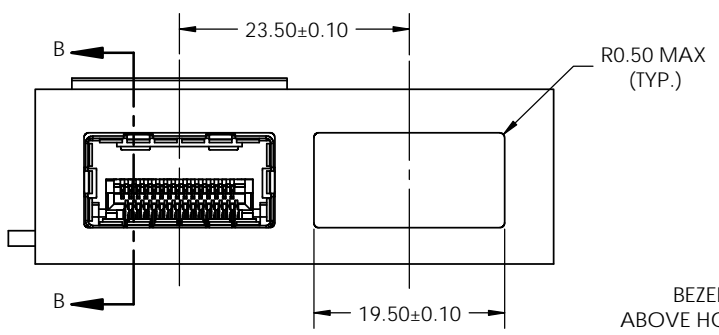
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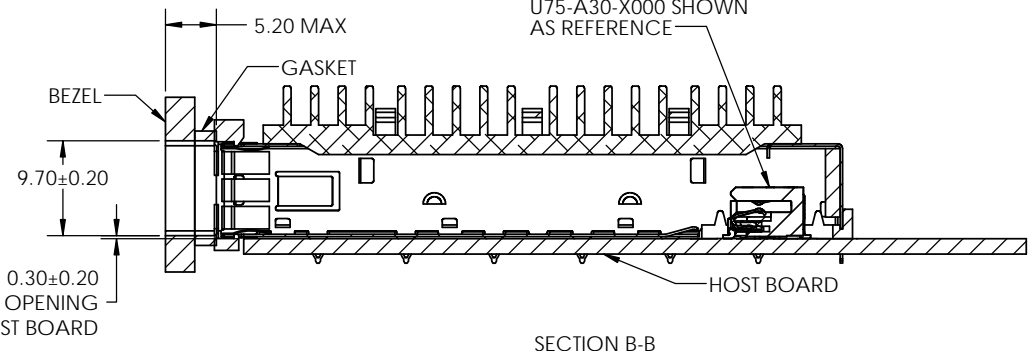
RECOMMENDED DOUBLE SIDED MOUNTING BEZEL DESIGN



SECTION C-C



RECOMMENDED SINGLE SIDED BEZEL DESIGN



SECTION B-B

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CODE IDENT NO: 03554		DWG APPD		SCALE		PROJECT	
		A.GREEN		2005/11/29		5 OF 5	