

CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	[N/A]	POWER
G	[6.86]	SIGNAL
HA	[N/A]	HOLD-DOWN

spec ref	See Notes		dr	Fang Qian	2016/03/23	projection 	MM ←→	size	A4	scale	1:1			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Fang Qian	2016/03/29			ecn no	-					
See Notes			chr	Fancy Zhang	2016/03/29			rel level	Released					
surface	linear	0.X	±0.50	Amphenol FCi	product family		PwrBlade	dwg no	51963-106		rev	A		
		0.XX	±0.25		title		IP + 24S + IP		cat. no.	-		Product - Customer Drw		
		0.XXX	±0.10		VERTICAL PRESS-FIT HEADER		sheet 1 of 4							
	angular	0°	±2°											

A

B

C

D

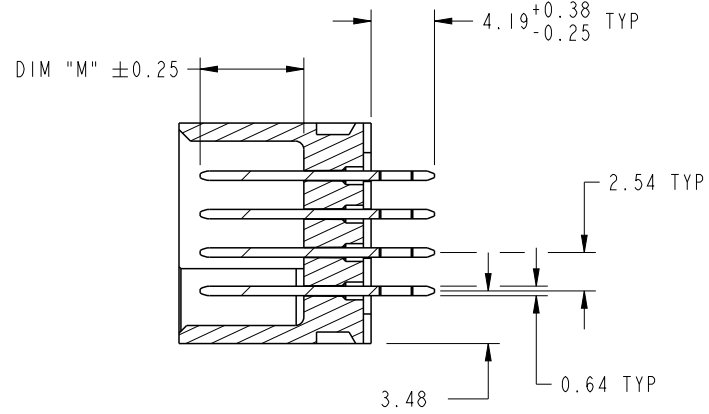
A

B

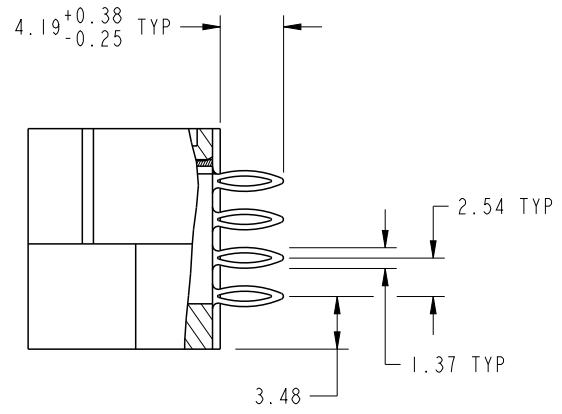
C

D

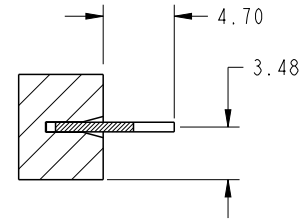
PRODUCT NUMBER
51963-106LF



SECTION A-A
SCALE 2:1



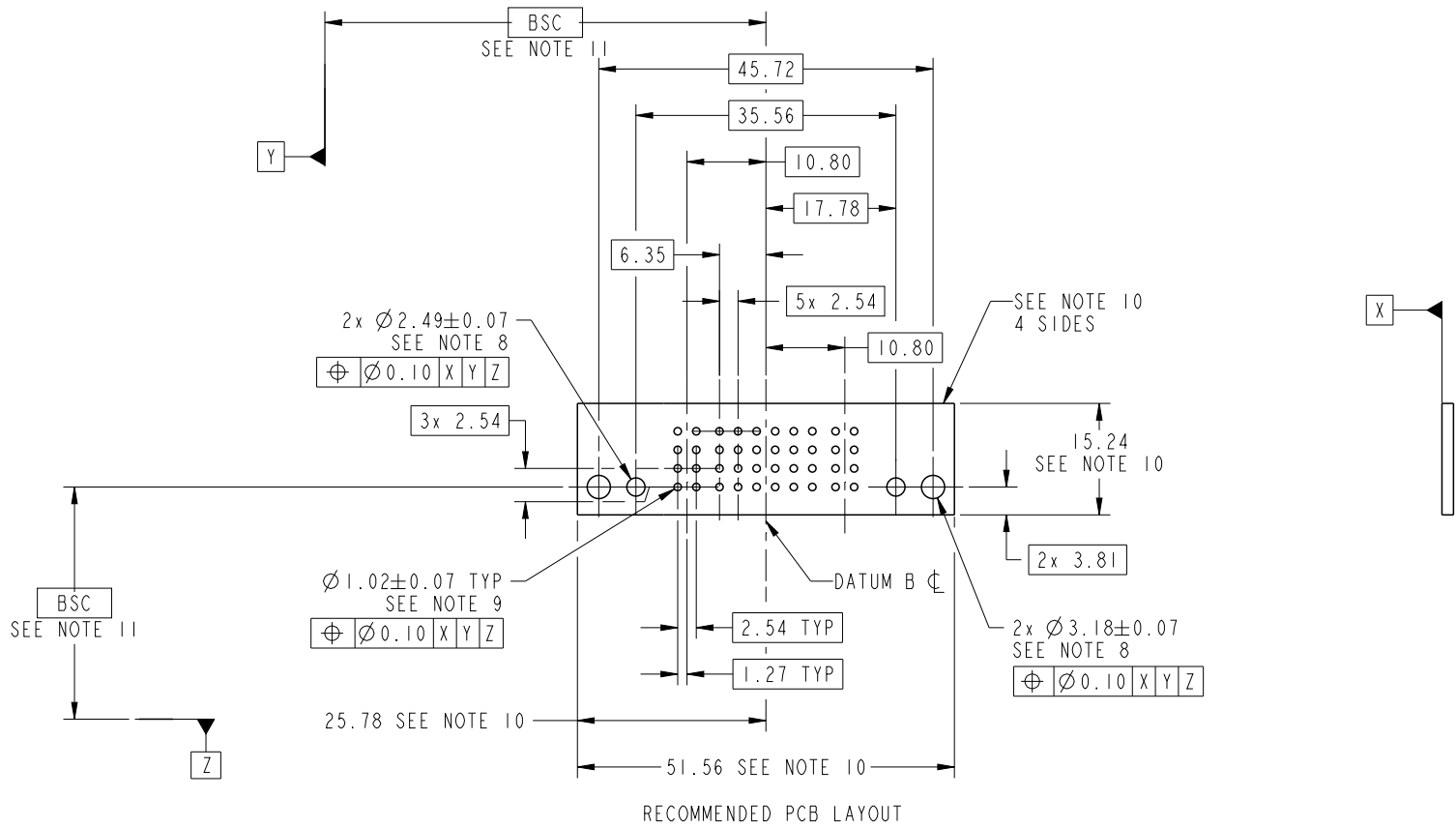
SECTION B-B
SCALE 2:1



SECTION C-C
SCALE 2:1

spec ref		See Notes		dr	Fang Qian	2016/03/23	projection 	MM ←→	size	A4	scale	1:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Fang Qian	2016/03/29			ecn no	-		
See Notes				chr	Fancy Zhang	2016/03/29				rel level		Released
surface		linear	0.X	±0.50	Amphenol FCi	product family		PwrBlade		rev	A	
✓			0.XX	±0.25		part no		51963-106				
			0.XXX	±0.10		cat. no.		-				Product - Customer Drw
	angular		0°	±2°								

PRODUCT NUMBER
51963-106LF



spec ref	See Notes			dr	Fang Qian	2016/03/23	projection 	MM ←→	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Fang Qian	2016/03/29			ecn no	-		
See Notes				chr	Fancy Zhang	2016/03/29						
surface	linear	0.X	±0.50	appr	Pei-Ming Zheng	2016/03/29	product family	PwrBlade	rel level	Released		
		0.XX	±0.25	Amphenol FCI title IP + 24S + IP VERTICAL PRESS-FIT HEADER cat. no. -			dwg no	51963-106	rev	A		
	angular	0°	±2°				Product - Customer Drw			sheet 3 of 4		

PRODUCT NUMBER

51963-106LF

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

- ② HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY
 - 3. SEE FCI PLATING SPEC10064183.
 - ④ MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE. THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.
 - 5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.
 - 6. PACKAGED IN TRAYS.
- PCB NOTES:
- 7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
 - 8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
 - ⑨ $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER .001 [0.03]
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm 0.07$ HOLE.
 - ⑩ CONNECTOR KEEP-OUT ZONE.
 - ⑪ DATUM AND BASIC DIMENSIONS ARE ESTABLISHED BY CUSTOMER.

spec ref		See Notes		dr	Fang Qian	2016/03/23	projection 	MM 	size	A4	scale	1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Fang Qian	2016/03/29			ecn no	-			
See Notes				chr	Fancy Zhang	2016/03/29			product family	PwrBlade		rel level	Released
surface	linear	0.X	± 0.50	Amphenol FCi	title	IP + 24S + IP VERTICAL PRESS-FIT HEADER		dwg no	51963-106		rev	A	
		0.XX	± 0.25										
		0.XXX	± 0.10										
	angular	0°	$\pm 2^\circ$	cat. no.	-	Product - Customer Drw		sheet 4 of 4					