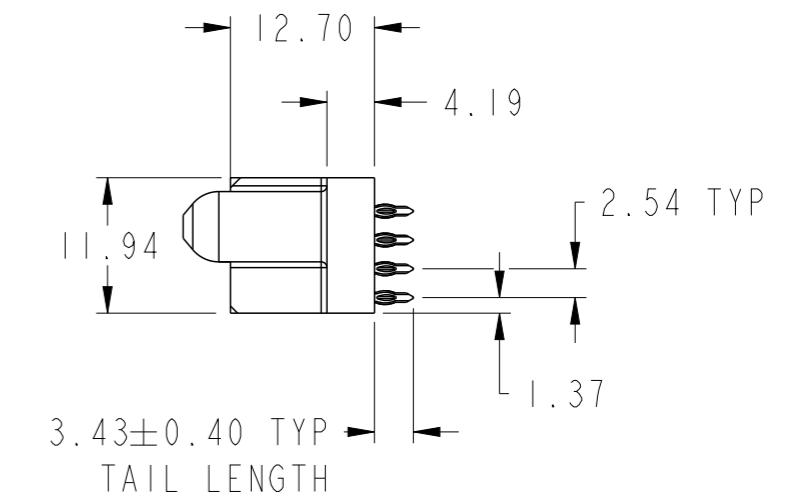
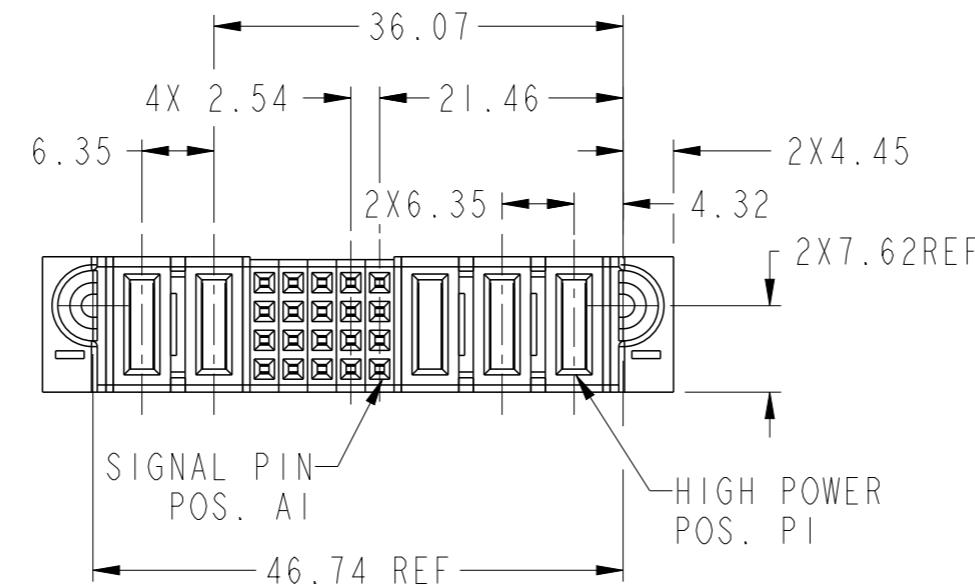
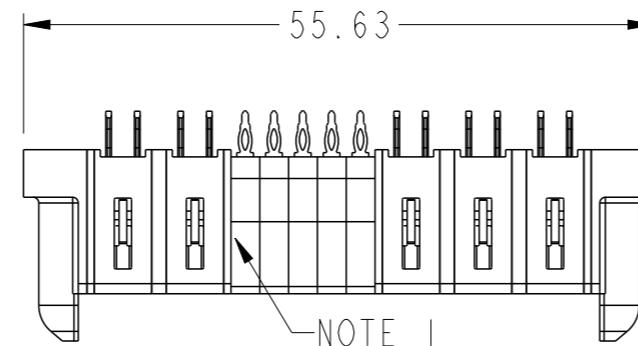


PRODUCT NUMBER	SEE SHEET 2
----------------	-------------



spec ref				dr	Xie Bob	2013/11/05	projection	MM	size	A3	scale	3:2
tolerance std				eng	Xie Bob	2014/02/17			ecn no			
ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			chr	Li-He	2014/02/16						
				appr	Pei-Ming Zheng	2014/02/17	product family	PowerBlade+	rel level	Released		
surface	ASME Y14.5	linear	0.X	±0.50	 3HP+20S+2HP VT PF RECEPTACLE			dwg no	10106131-5005002			rev A
		0.XX	±0.25									
		0.XXX	±0.10									
		angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw			sheet 1 of 3		

PRODUCT NO.	ROWS	HP		SIGNAL		HP							
		E1	P5	P4	5	4	3	2	1	P3	P2	P1	E2
10106131-5005002LF	D C B A				FF								
			HG	HG						HD	HG	HG	

CODE	DESCRIPTION
F	STD SIGNAL CONTACT
HD	MFBL HIGH POWER CONTACT (3.43)
HG	STD HIGH POWER CONTACT (3.43)

A

A

B

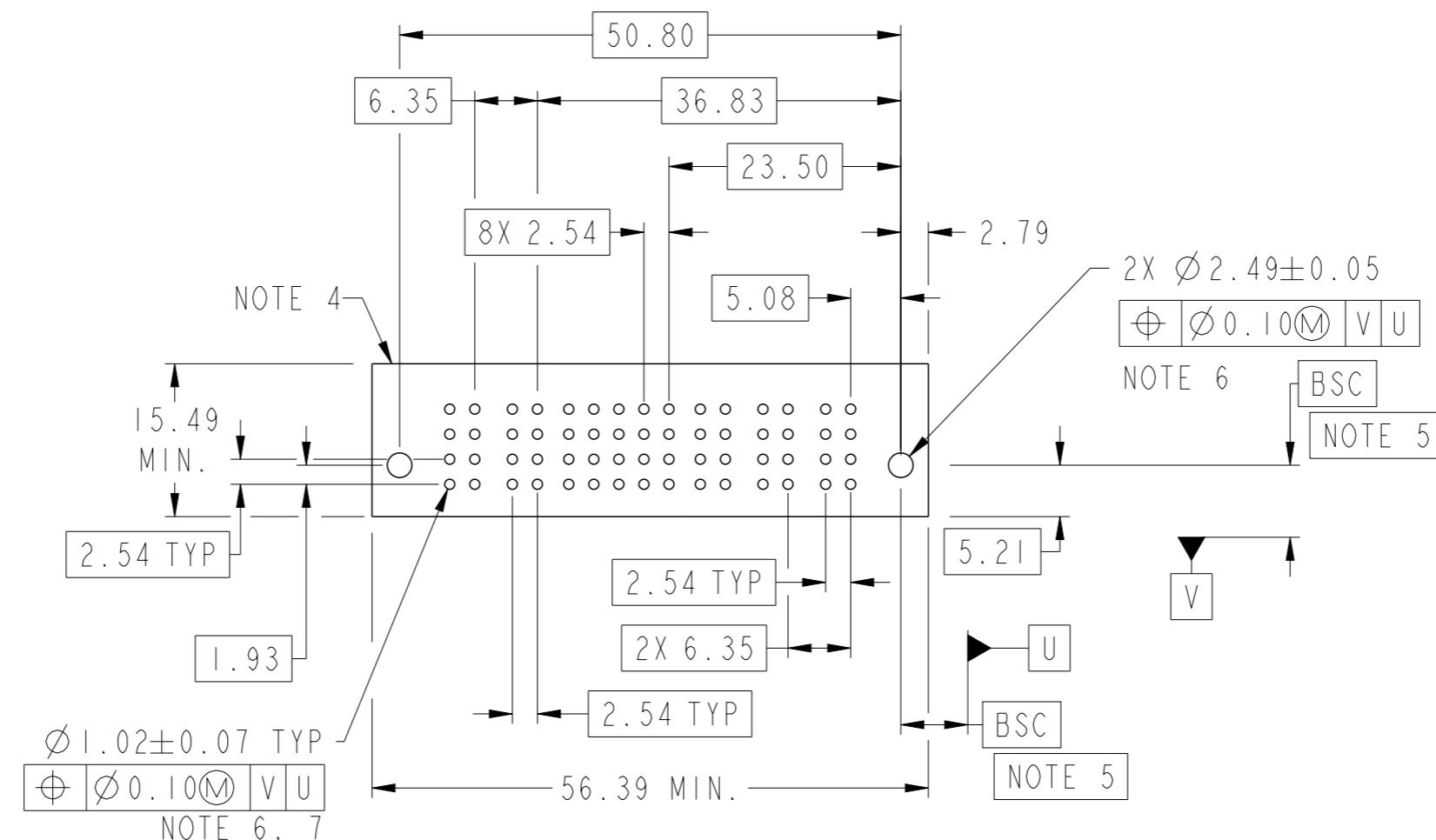
B

C

C

D

D



dr	Xie Bob	2013/11/05	projection	MM	size	scale
eng	Xie Bob	2014/02/17				
chr	Li-He	2014/02/16	product family	PowerBlade+	rel level	Released
appr	Pei-Ming Zheng	2014/02/17				
 www.fci.com		3HP+20S+2HP	dwg no	10106131-5005002	rev	A
+ VT PF RECEPTACLE + cat. no.						
Product - Customer Drw			sheet 2 of 3			

A

NOTES:

- 1) "FCI", PART NUMBER AND DATE CODE TO BE MARKED ON THIS SURFACE.
THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.
- 2) MATERIALS:
-HOUSING - GLASS FILLED WITH HIGH TEMP THERMOPLASTIC, UL94V-0.
-SIGNAL CONTACT - COPPER ALLOY.
-POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.
- 3) PLATING SPECIFICATION REFER TO FCI 10116351
- 4) DENOTES CONNECTOR KEEP OUT ZONE.
- 5) DATUM AND BASIC DIMENSIONS WERE ESTABLISHED BY CUSTOMER.
- 6) ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- 7) $1.15 \pm 0.025\text{MM}$ DRILLED HOLE PLATED WITH 0.00762MM MIN Sn
OVER $0.0254\text{-}0.0762\text{MM}$ Cu PLATING TO ACHIEVE A $1.02 \pm 0.07\text{MM}$ HOLE.
- 8) PRODUCT SPECIFICATION REFER TO FCI GS-12-658.
APPLICATION SPECIFICATION REFER TO FCI GS-20-141.
PRODUCT PACKAGED IN TRAYS, REFER TO FCI GS-14-1502.
- 9) THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL
MODULES AND END MODULES ARE OPTIONAL AND THE SHAPE
MAY BE DIFFERENT FOR OPTIMIZE THE MOLDING PROCESS. THE
VOID CORING WILL NOT EFFECT TO PRODUCT FUNCTION.

A

B

B

C

C

Copyright FCI

D

D

dr	Xie Bob	2013/11/05	projection 	MM	size A3	scale 1:1
eng	Xie Bob	2014/02/17				
chr	Li- He	2014/02/16				
appr	Pei-Ming Zheng	2014/02/17				
			product family	PowerBlade+	rel level	Released
	3HP+20S+2HP VT PF RECEPTACLE		dwg no	10106131-5005002	rev	A
www.fci.com	cat. no.	Product - Customer Drw	sheet 3 of 3			

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[10106131-5005002LF](#)