

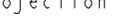
PRODUCT NUMBER SEE SHEET 2

Technical drawing showing a component with a total width of 54.61. The component is divided into two sections, each with a width of 2X 2.41. The reference label 'REF' is located at the end of the second section. The component is further divided into two sections, each with a width of 2X 3.30. The drawing also shows two small rectangular features on the left and right edges.

A technical line drawing of a component, likely a connector or a housing, shown in a side cross-sectional view. The component features a series of vertical pins and internal slots. A horizontal dimension line at the top indicates a total width of 59.44. Two vertical dimension lines on the right side indicate side clearances of 2X 4.70. The drawing uses standard engineering conventions with arrows and leader lines.

Technical drawing of a component with the following dimensions:

- Height: 12.70
- Top width: 4.19
- Side height: 11.94
- Side width: 2.54 TYP
- Base width: 3.43 ± 0.40 TYP
- Tail length: 1.37

spec ref			dr	Vicking Liu	2016/04/21			size	A3	scale			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED ASME Y14.5		eng	Vicking Liu	2016/05/25					3:2			
			chr	Fancy Zhang	2016/05/25					ecn no -			
			appr	Pei-Ming Zheng	2016/05/25			product family	PowerBlade+	rel level Released			
surface	linear	0.X	±0.50	Amphenol FCI	title 5ACP + 16S				dwg no 10106122-5004001				
		0.XX	±0.25		title VT STB RECEPTACLE				rev A				
		0.XXX	±0.10										
ASME Y14.5	angular	0°	±2°		cat. no.	Product - Customer Drw			sheet 1 of 3				

PRODUCT NO.	ROWS		SIGNAL				HIGH POWER					
			E1	4	3	2	1	P5	P4	P3	P2	P1
10106122-5004001LF	D C B A											

CODE	DESCRIPTION
E	STD SIGNAL CONTACT
H3	STD HIGH POWER CONTACT (3.43)
HA	METAL HOLD DOWN

Amphenol FCI

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Technical drawing showing a cross-sectional view of a mechanical assembly. The drawing includes the following dimensions and notes:

- Top horizontal dimension: 54.61
- Second horizontal dimension: 42.55
- Third horizontal dimension: 3x 2.54
- Fourth horizontal dimension: 4x 7.62
- Vertical dimension on the left: 15.49 MIN.
- Bottom horizontal dimension: 60.20 MIN.
- Bottom left note: $\phi 1.02 \pm 0.07$ TYP
- Bottom left note: $\phi 0.10$ M V U
- Bottom left note: NOTE 6, 7
- Bottom left note: 1.93
- Bottom left note: 2.54 TYP
- Bottom left note: 2.54 TYP
- Bottom right note: 5.21
- Bottom right note: U
- Bottom right note: BSC NOTE 5
- Bottom right note: V
- Left note: NOTE 4
- Right note: 5.72
- Right note: 2X $\phi 2.49 \pm 0.05$
- Right note: $\phi 0.10$ M V U
- Right note: NOTE 6
- Right note: BSC NOTE 5

spec ref		dr	Vicking Liu	2016/04/21			size	A3	scale		
tolerance std	ASME Y14.5	eng	Vicking Liu	2016/05/25			ecn no	-	3:2		
		chr	Fancy Zhang	2016/05/25			product family	PowerBlade+	rel level		
		appr	Pei-Ming Zheng	2016/05/25					Released		
surface	linear	0.X	±0.50	 5ACP + 16S				dwg no	rev		
		0.XX	±0.25	VT STB RECEPTACLE				10106122-5004001	A		
ASME Y14.5	angular	0°	±2°	cat. no.		Product - Customer Drw		sheet 2 of 3			

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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 DIMENIONS 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.

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spec ref			dr	Vicking Liu	2016/04/21			size	A3	scale
tolerance std	ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Vicking Liu	2016/05/25	1:1		
					chr	Fancy Zhang	2016/05/25			
					appr	Pei-Ming Zheng	2016/05/25	product family	PowerBlade+	ecn no
surface	linear	0.X	±0.50	 5ACP + 16S VT STB RECEPTACLE			dwg no	10106122-5004001		rev
ASME Y14.5	angular	0°	±2°				cat. no.	Product - Customer Drw	sheet 3 of 3	