

PRODUCT NUMBER

SEE SHEET 2

109.22

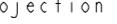
NOTE |

The diagram shows a top-down view of a rectangular component. It features a central vertical column of 20 vertical slots. On either side of this central column are two large, solid rectangular blocks. The total width of the component is indicated by a dimension line at the top, labeled '109.22'. A leader line with an arrow points from the text 'NOTE |' located at the bottom center to the 11th slot from the left, which is the second slot from the central vertical column.

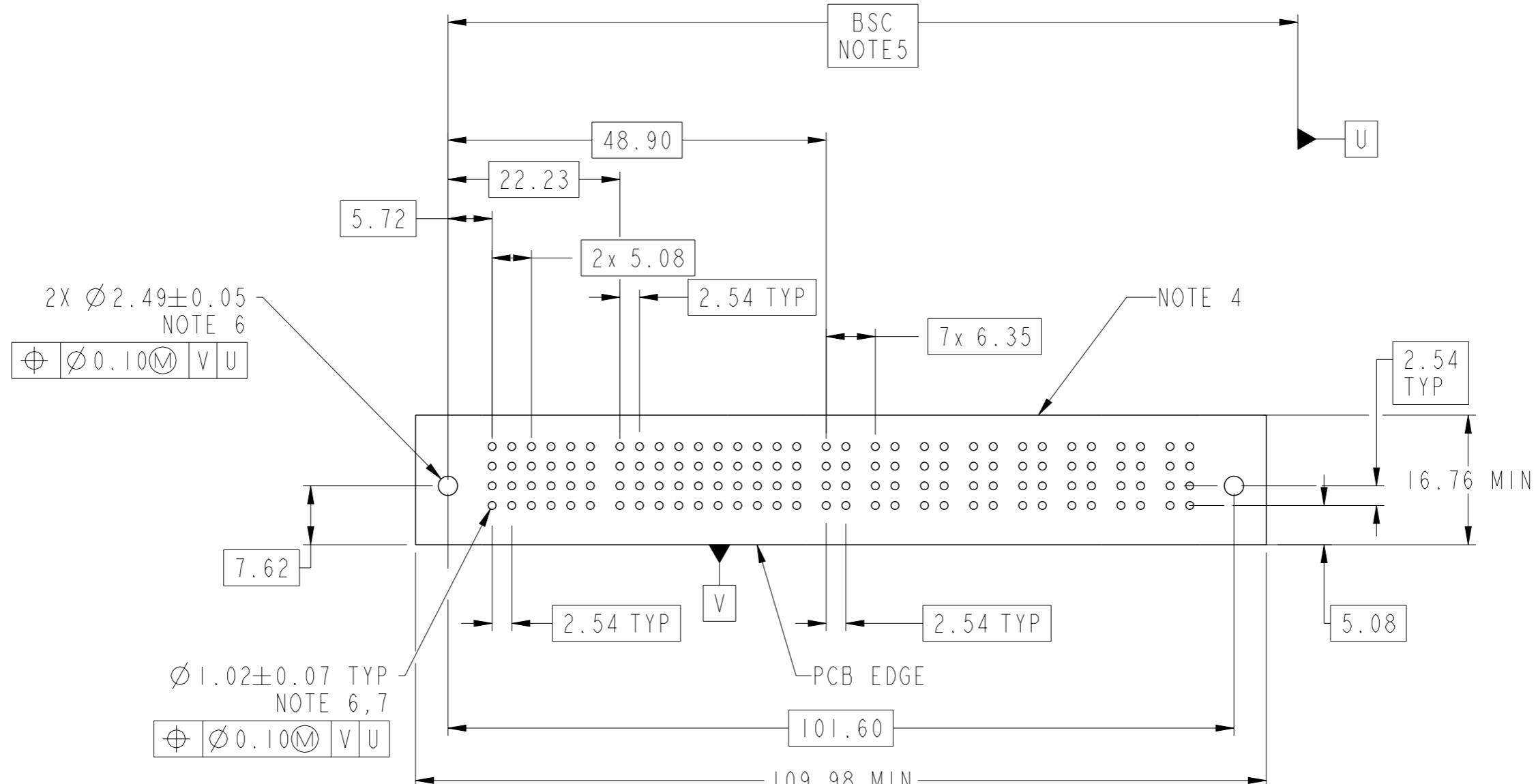
Technical drawing of a 100-pin surface-mount component. The drawing shows the component in a top-down view with various dimensions and pin group labels. Key dimensions include a total width of 53.98, a total height of 10.80, and a total length of 100.33. Pin groups are labeled as POWER POS. PI and SIGNAL POS. AI. A note indicates a height of 2 x 7.06 from the PCB surface to the top of the component. The drawing uses leader lines to point to specific features and dimensions.

Technical drawing of a component with the following dimensions:

- Width: 23.62
- Height: 13.00
- Left side height: 14.58
- Bottom width: 9.78
- Right side height: 12.57
- Bottom height: 5.59
- Bottom width: 3.43 ± 0.40 TYP
- Bottom height: 2 x 3.94

spec ref	* ASME Y14.5			dr	Vicking Liu	2016/02/25			size	A3	scale		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Vicking Liu	2016/03/08			A3	3:2			
				chr	Fancy Zhang	2016/03/08				ecn no	-		
				appr	Pei-Ming Zheng	2016/03/08			product family	PwrBlade+	rel level		
surface				linear	0.X	±0.5	<b>Amphenol</b> <b>FCi</b>	 		10106262-B01001			rev
				linear	0.XX	±0.25						A	
				linear	0.XXX	±0.10							
ASME Y14.5	angular	0°	±2°		cat. no.			Product -	Customer Drw	sheet 1 of 3			

PRODUCT NO.	ROWS	HIGH POWER SIGNAL										HIGH POWER											
		E1	P1	P2	P3	1	2	3	4	5	6	7	8	9	10	P4	P5	P6	P7	P8	P9	P10	P11
10106262-B010001LF	D C B A																						



CODE	DESCRIPTION
H1	STD HIGH POWER CONTACT (3.43)
HA	METAL HOLD DOWN
R	STD SIGNAL CONTACT, ROW A (3.43)
S	STD SIGNAL CONTACT, ROW B (3.43)
T	STD SIGNAL CONTACT, ROW C (3.43)
U	STD SIGNAL CONTACT, ROW D (3.43)

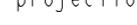
spec ref	*	dr	Vicking Liu	2016/02/25	projection	MM	size	A3	scale
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Vicking Liu	2016/03/08					3:2
chr	ASME Y14.5	chr	Fancy Zhang	2016/03/08	product family	PwrBlade+	ecn no	-	
appr	Pei-Ming Zheng	appr	2016/03/08				rel level	Released	rev
surface	ASME Y14.5	linear	0.0X	±0.5	Amphenol FCi		no	10106262-B010001	
		0.0XX	±0.25		3HDP + 40S + 8HP		dwg		
		0.0XXX	±0.10		RA STB HEADER		cat. no.		
		angular	0°	±2°			Product - Customer Drw	sheet 2 of 3	

## 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: 10116351
- 4) DENOTES CONNECTOR KEEP OUT ZONE.
- 5) DATUM AND BASIC DIMENIONS ARE ESTABLISHED BY CUSTOMER.
- 6) ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- 7)  $1.15 \pm 0.025$ MM DRILLED HOLE PLATED WITH  $0.00762$ MM MIN Sn  
OVER  $0.0254$ - $0.0762$ MM Cu PLATING TO ACHIEVE A  $1.02 \pm 0.07$ MM HOLE.
- 8) PRODUCT SPECIFICATION: GS-12-658.  
APPLICATION SPECIFICATION: GS-20-141.  
PRODUCT PACKAGED IN TRAYS: GS-14-1502.

Amphenol FCI

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spec ref	* ASME Y14.5			dr	Vicking Liu	2016/02/25			size	A3	scale	3:2	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Vicking Liu	2016/03/08			ecn no	-			
				chr	Fancy Zhang	2016/03/08			rel level	Released			
				appr	Pei-Ming Zheng	2016/03/08	product family	PwrBlade+					
surface	 ASME Y14.5	linear	0.X	±0.5	<b>Amphenol</b> <b>FCi</b>				3HDP + 40S + 8HP RA STB HEADER			10106262-B010001	rev A
			0.XX	±0.25									
			0.XXX	±0.10									
ASME Y14.5	angular	0°	±2°		cat. no.			Product - Customer Drw			sheet 3 of 3		