

f	6	6	6	6	6	6	6	6	6	6		6	6	6	6	6	6	6	6	6	6	6				
e	E	E	E	E	E	E	E	E	E	8	E	E	E	E	E	E	E	E	E	E	E	E				
d	E	E	E	E	E	E	E	E	E	8	E	E	E	E	E	E	E	E	E	E	E	E				
c	E	E	E	E	E	E	E	E	E	8	E	E	E	E	E	E	E	E	E	E	E	E				
b	E	E	E	E	E	E	E	E	E	8	E	E	E	E	E	E	E	E	E	E	E	E				
a	E	E	E	E	E	E	E	E	E	8	E	E	E	E	E	E	E	E	E	E	E	E				
z	6	6	6	6	6	6	6	6	6	6		6	6	6	6	6	6	6	6	6	6	6				
P	0					0					1					1					2					2
S	1					5					0					5					0					5

(FOR EXAMPLE)

Technical drawing of a 24-pin connector assembly, showing dimensions and callouts:

- Top View (Left):** Shows the connector pins. Dimensions include a total width of 15.40 ± 0.50 , a pin pitch of 11.70 ± 0.10 , and a pin height of $13.45^{+0.15}_{-0.10}$. A callout **NOTE 3** points to the pin base, and **NOTE 6** points to the pin tip.
- Side View (Top):** Shows the connector profile. Dimensions include a total height of 12.00 and a pin height of $2.00 \pm 0.05(6X)$.
- Front View (Bottom):** Shows the connector pins. Dimensions include a total width of 50.00 MAX. and a pin pitch of $2.00 \pm 0.05 (24X)$. A callout **NOTE 5** points to the pin base.

Figure 1 is a schematic diagram showing three test specimens, labeled 6, 8, and E, arranged vertically. A vertical line represents the 'SEATING PLANE FOR CONNECTOR', indicated by an arrow from the text. Dimensions are provided for each specimen:

- Specimen 6:** The distance from the left end to the seating plane is 11.20. The distance from the seating plane to the right end is 3.70.
- Specimen 8:** The distance from the left end to the seating plane is 8.20. The distance from the seating plane to the right end is 14.50.
- Specimen E:** The distance from the left end to the seating plane is 9.70. The distance from the seating plane to the right end is 14.50.

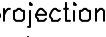
The specimens are represented by horizontal lines with a central circular feature (a hole) and a small rectangular feature (a connector) near the right end. The right ends of the specimens are tapered.

48.00

12.00

NOTES

- CATALOG NO: HM2P65PMH3A1----

mat'l. code SEE NOTE 4				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family MILLIPACS											
ltr		ecn no		dr		date		tolerances unless otherwise specified						title MPACS 5+2R STR HDR PF CONN TYPE AB							
A		I06-0001		MINI		2006-01-04		angles linear		.0±0.2											
B		I06-0141		MINI		2006-08-08						.00±0.1									
								0°±1°				scale —									
								dr		MINI K VANDANATH		2006-01-04									
								engr		BIJU K PAUL		2006-01-04									
								chr		BIJU K PAUL		2006-08-08									
								appd		BIJU K PAUL		2006-08-08		type		Product		Customer		Drawing	
sheet index		revision		B																	
		sheet		1																	