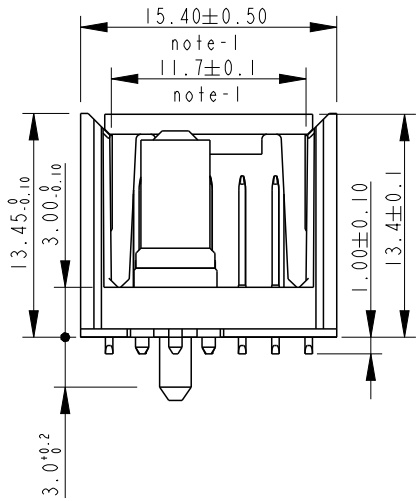


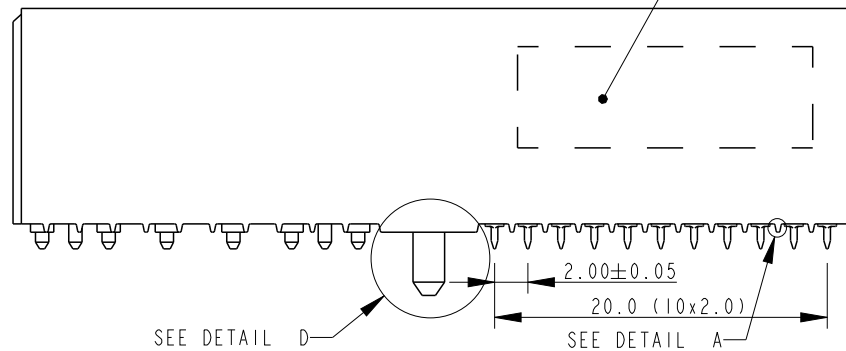


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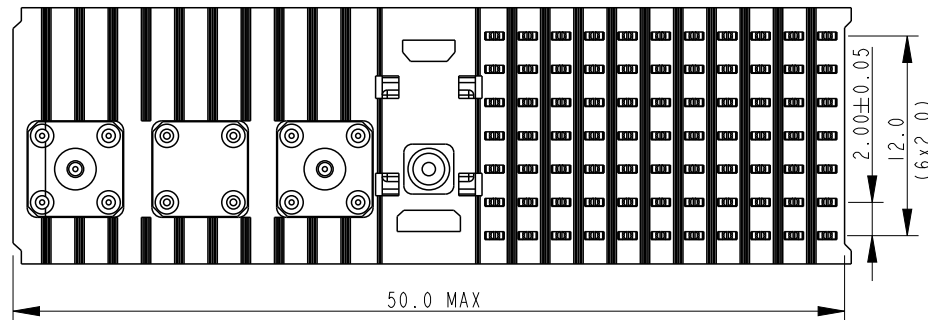
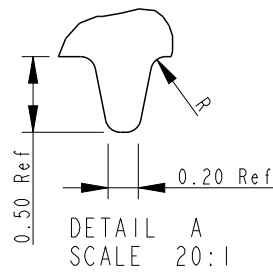
LOADED CONNECTOR ASSEMBLY
(For Eg. HM2PIISZ500I----



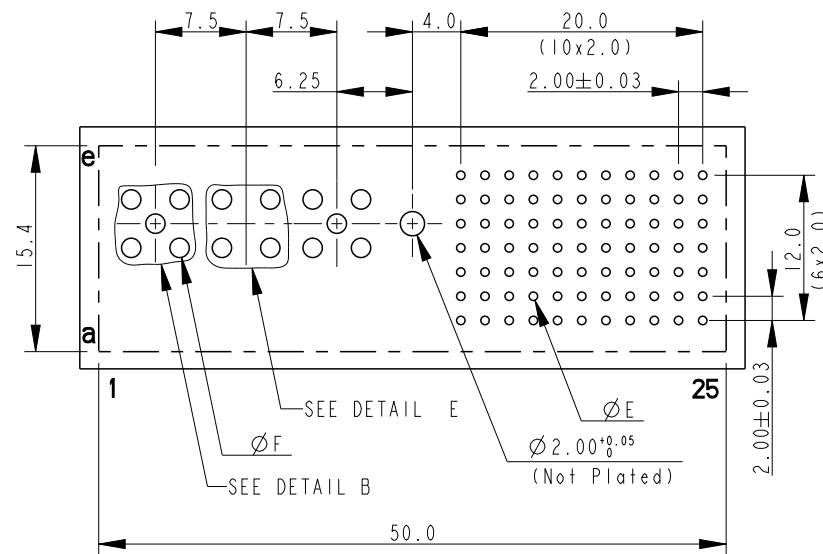
SCALE 11:5



STAND-OFF DETAILS



PCB LAYOUT & HOLE DIMENSIONS
(For Eg. HM2PIISZ500I----



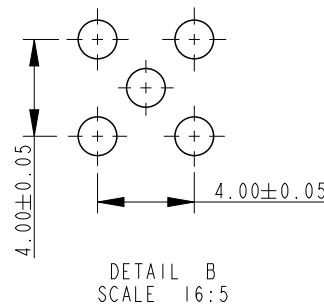
Dim	Finished Hole Dia	Cu Thickness	Sn Thickness	Drilled Hole Dia
E	0.65 - 0.80	0.025 - 0.050	0.008 - 0.012	0.72 - 0.92

Power / Coax Contact (F)

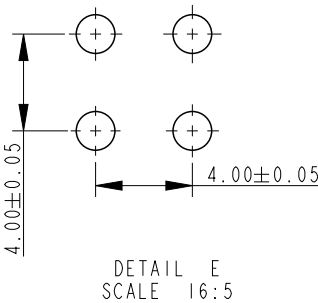
Finished Hole : 1.00 +0.15/-0
Drilled Hole : 1.15 mm
Plating : 25 - 50 µm Cu Plating
 : 4 - 6 µm Ni + > 0.05µm Au

True Position (All Holes) = $\varnothing 0.05$

FOOTPRINT FOR
COAX CONTACT (P1)



FOOTPRINT FOR
POWER CONTACT (P2)



rev	ecn no	dr	date
A	107-0103	AB	2009-01-06
B	109-0014	AB	2010-02-09
C	110-0181	AB	2010-12-04
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

NOTES :

- 1 , MEASURED AT THE BOTTOM
- 2 , MATERIAL CONTACT : PHOSPHOR BRONZE
HOUSING : HIGH TEMPERATURE POLYMER - BLACK
- 3 , CONNECTOR PRINTED WITH P/N AND DATE CODE
- 4 , FOR ACTUAL CONTACT LOADING,SEE LOADING PATTERN MATING SIDE
- 5 , THE SOLDER CONTENT IN THE PASTE SHOULD BE SUFFICIENT TYPICALLY 50% VOLUME PERCENTAGE. THE SCREEN PRINTING PROCESS (ANGLE,SPEED,PRESSURE ETC) MUST BE OPTIMISED SO THAT ENOUGH SOLDER IS AVAILABLE.(PASTE THICKNESS = 0.15MM)
- 6 , THE PRODUCT (LF) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- 7 , THIS PRODUCT WITHSTANDS 260°C FOR 10 SECS FOR PIN IN PASTE APPLICATION
- 8 , PLATING DETAILS:
TERMINATION SIDE : Sn (MATT FINISH)
CONTACT SIDE : N9 (IEC PERFORMANCE LEVEL 2)
- 9 , MISSING INFORMATION & DIMENSIONS PER IEC 61076-4-101
- 10 , POWER CONTACT INTERFACE ACCORDING TO DIN 41612 & COAX CONTACT INTERFACE ACCORDING TO DIN 41626 SPEC

www.fciconnect.com

surface	ISO 1302	tolerance std	ISO 406	ISO 1101	projection	mm
TOLERANCES UNLESS OTHERWISE SPECIFIED						
Dr	Alex Babu	2007-08-24	ANGULAR	LINEAR	0.X	±0.2
Eng	Alex Babu	2007-08-24			0.XX	±0.1
Chr	Biju K Paul	2007-08-24	0°	±1°	0.XXX	±0.05
Appr	Biju K Paul	2007-08-24	Product family		MILLIPACS	Spec ref



MILLIPACS TYPE-M STR HDR
(PIP VERSION)

catalog no

HM2PIISZ-----

dwg no

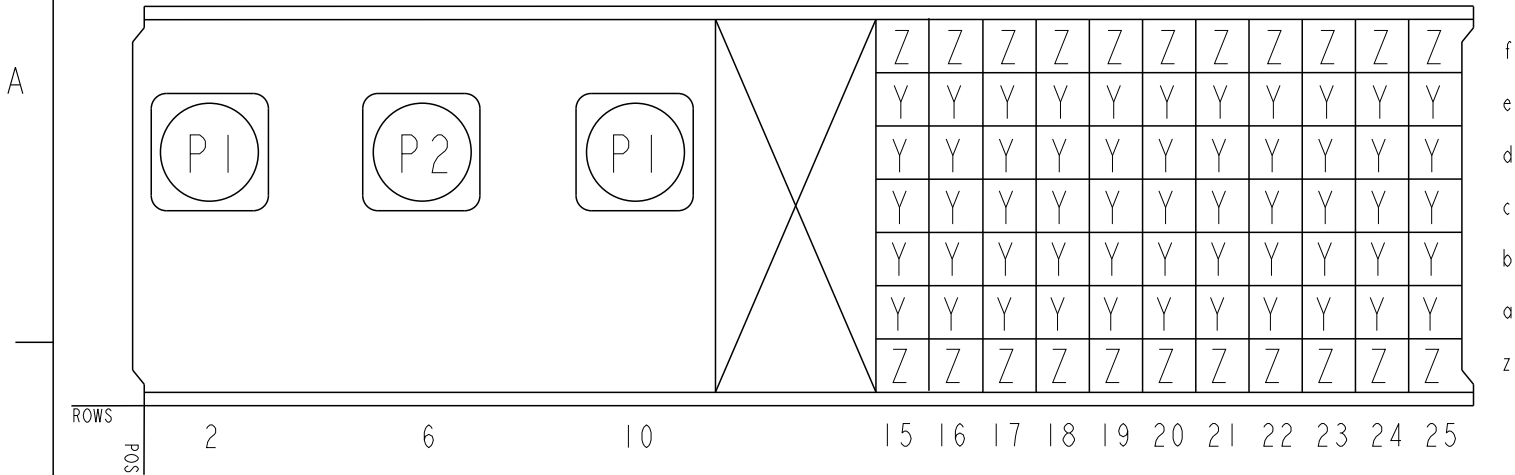
BSC203204004

Rev.
C

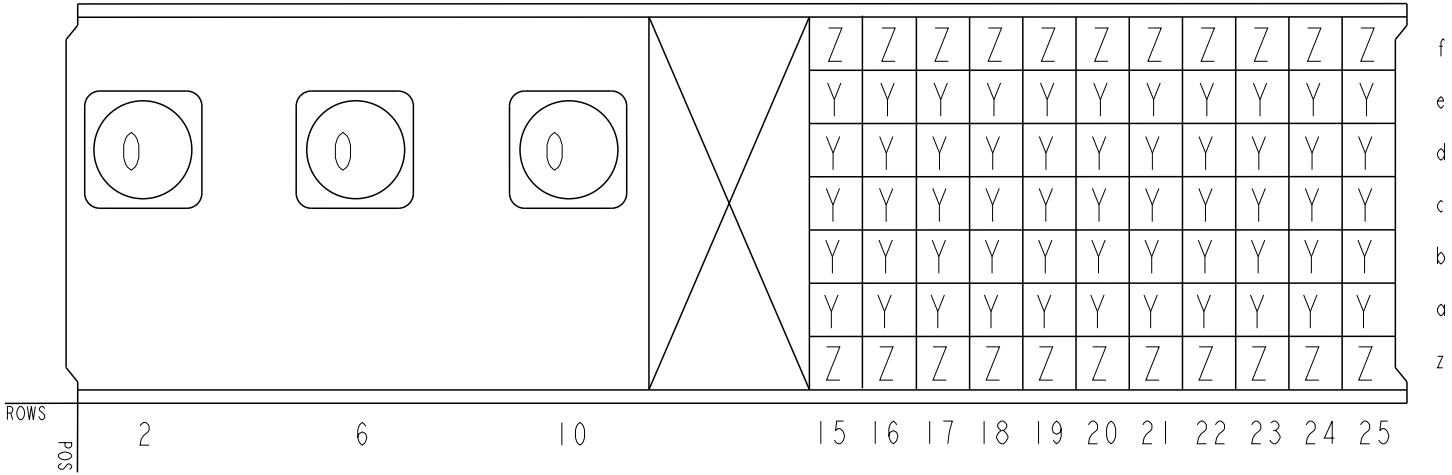
CUSTOMER DRAWING sheet 1 of 4

LOADING PATTERN MATING SIDE

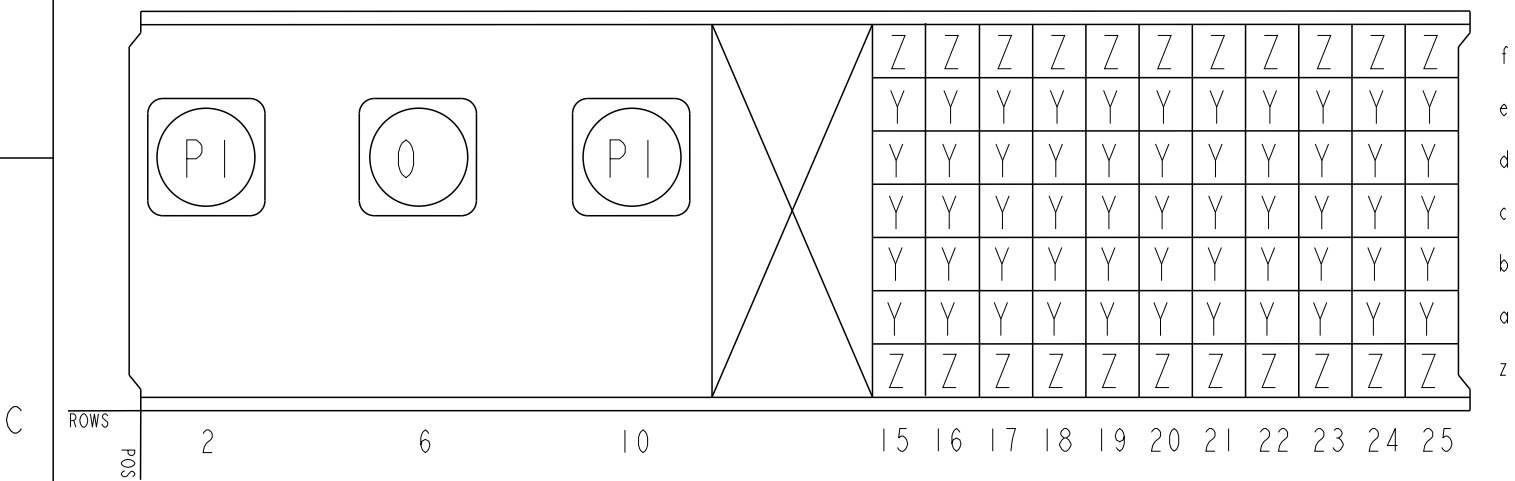
Cat No : HM2PIISZ5001----



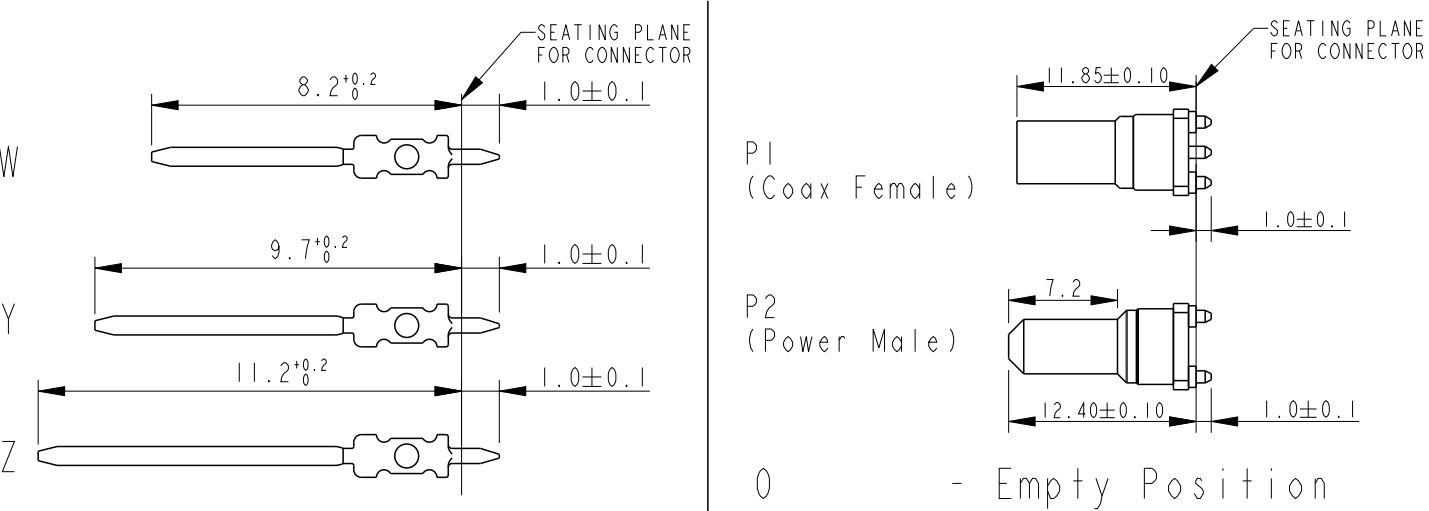
Cat No : HM2PIISZ5031----



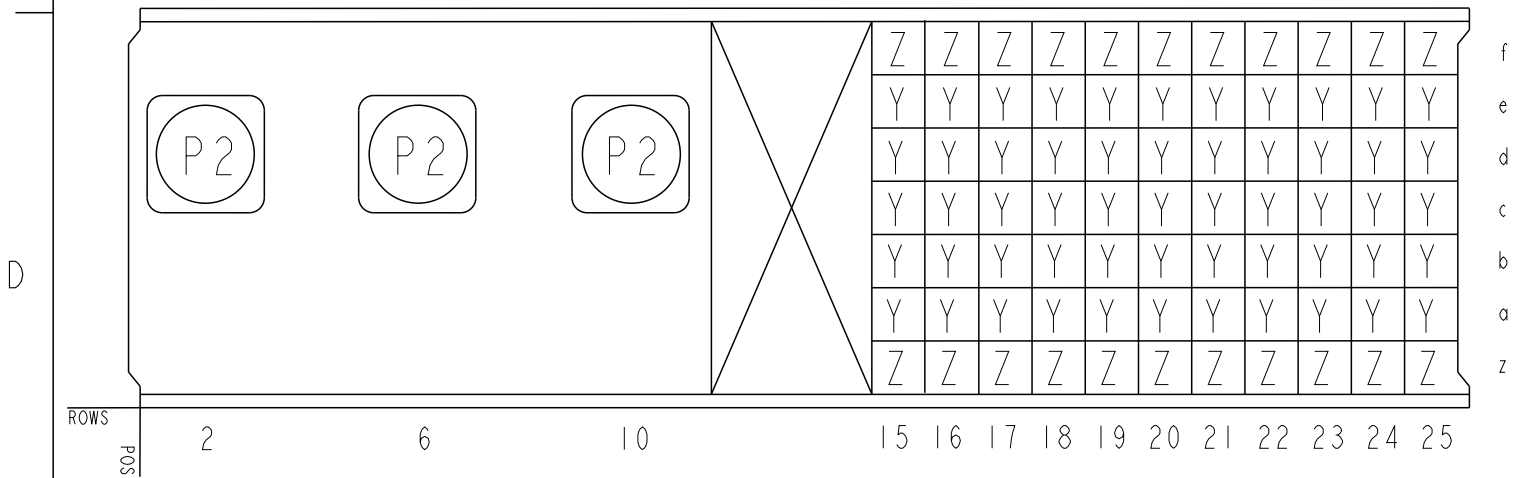
Cat No : HM2PIISZ5011----



CONTACT OVERVIEW



Cat No : HM2PIISZ5021----



www.fciconnect.com			surface ISO 1302	tolerance std ISO 406 ISO 1101	projection	mm
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	Alex Babu	2007-08-24	ANGULAR	LINEAR	0.X	±0.2
Eng	Alex Babu	2007-08-24			0.XX	±0.1
Chr	Biju K Paul	2007-08-24	0° ±1°		0.XXX	±0.05
Appr	Biju K Paul	2007-08-24	Product family			MILLIPACS
			Spec ref			-
FCI			MILLIPACS TYPE-M STR HDR (PIP VERSION)			
			catalog no			HM2PIISZ-----
			CUSTOMER DRAWING			sheet 2 of 4
			dwg no			BSC203204004
			Rev.			C



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LOADING PATTERN MATING SIDE

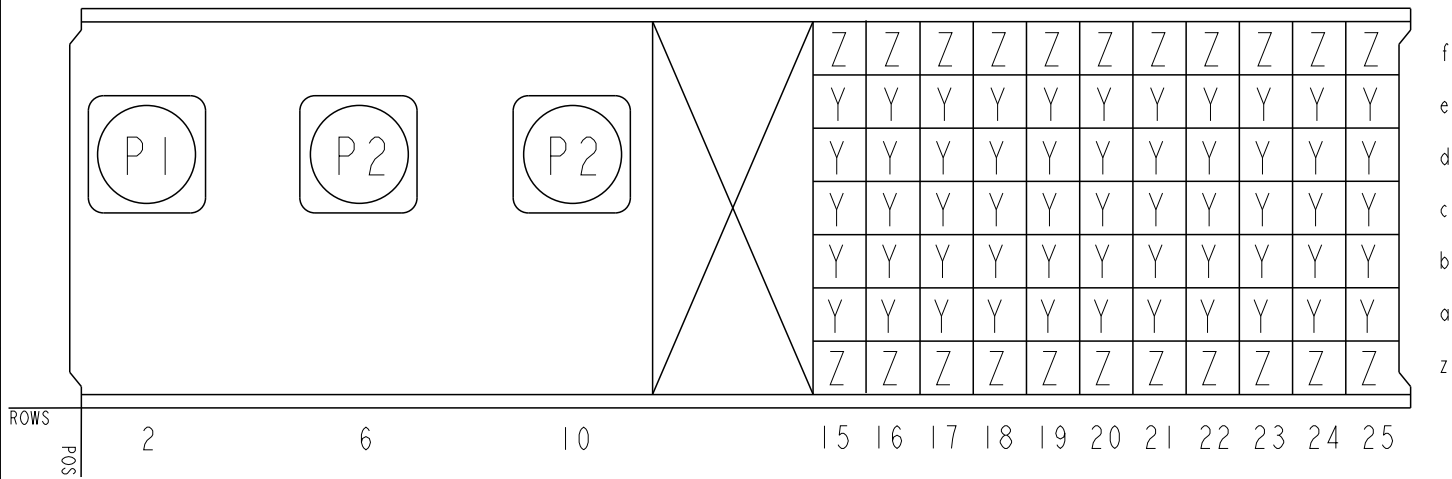
Cat No : HM2PIISZ5041----

A

B

C

D

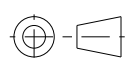


A

B

C

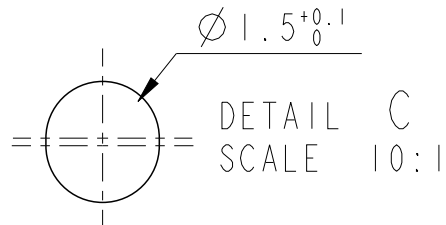
D

www.fciconnect.com			surface - 		tolerance std		projection			
			ISO 1302		ISO 406 ISO 1101					
TOLERANCES UNLESS OTHERWISE SPECIFIED										
Dr	Alex Babu	2007-08-24	ANGULAR	LINEAR	0.X	±0.2	size	A3	Scale 1:1	
Eng	Alex Babu	2007-08-24			0.XX	±0.1				
Chr	Biju K Paul	2007-08-24	0°	±1°	0.XXX	±0.05	ECN		107-0103	
Appr	Biju K Paul	2007-08-24	Product family				MILLIPACS		Spec ref	-
			title MILLIPACS TYPE-M STR HDR (PIP VERSION)			dwg no BSC203204004			Rev.	
									C	
			catalog no			HM2PIISZ-----			CUSTOMER DRAWING	sheet 3 of 4

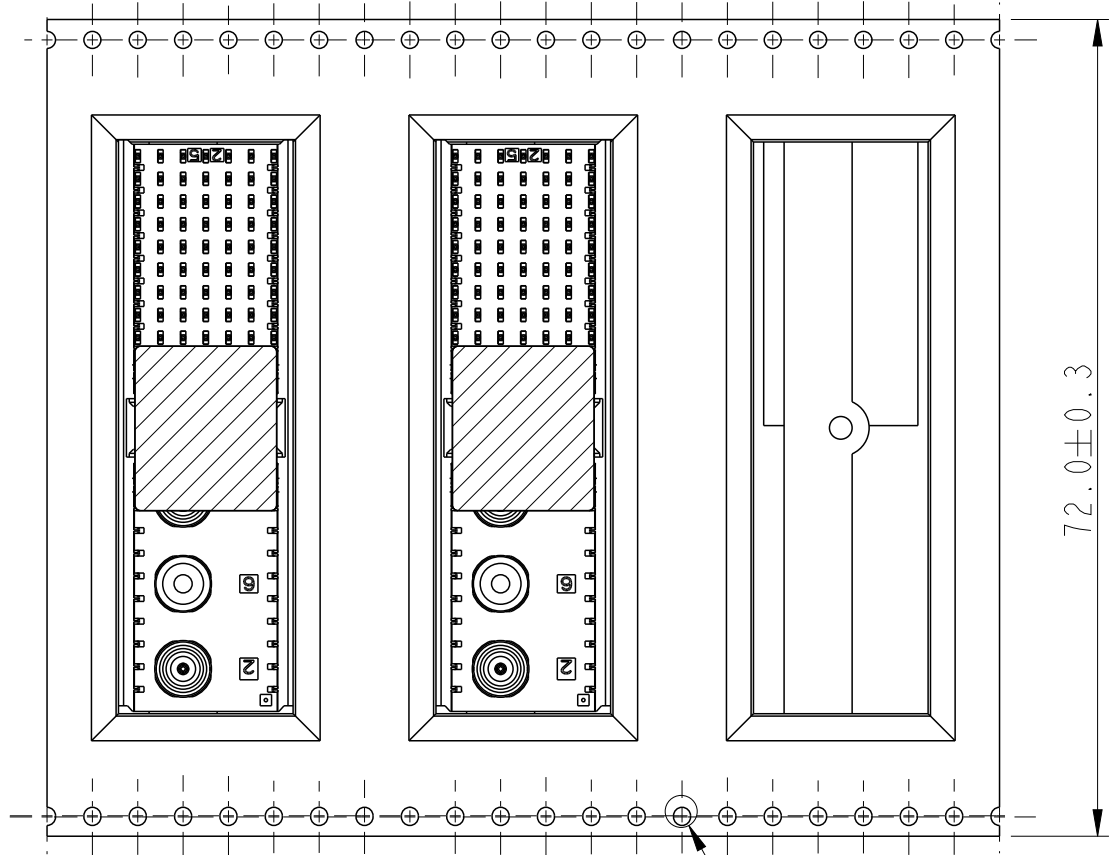
TAPE ON REEL PACKAGING DETAILS

Reel Off Direction →

Pitch = 4.0 Pitch = 28.0



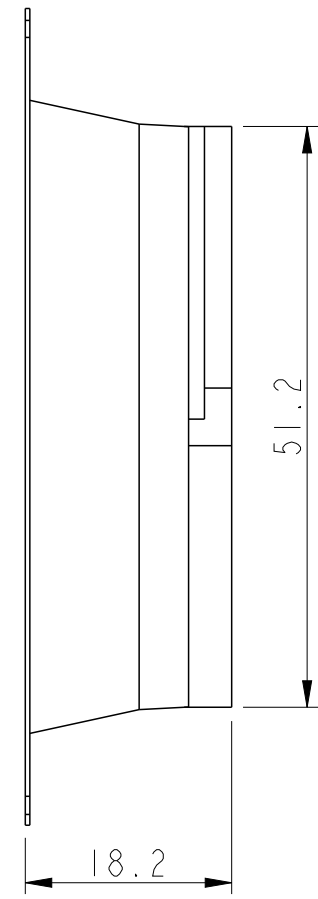
DETAIL C
SCALE 10:1



72.0 ± 0.3

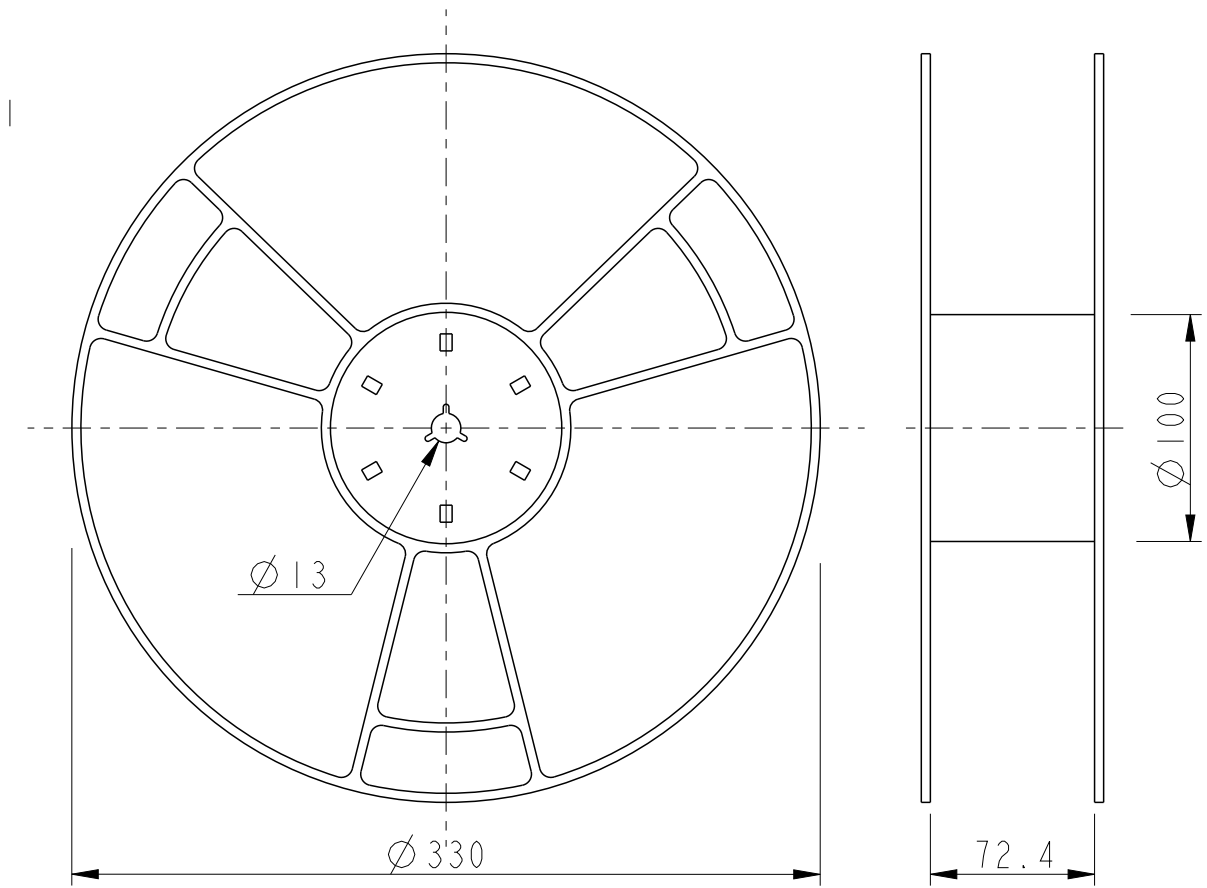
SCALE 3:2

SEE DETAIL C



51.2

18.2

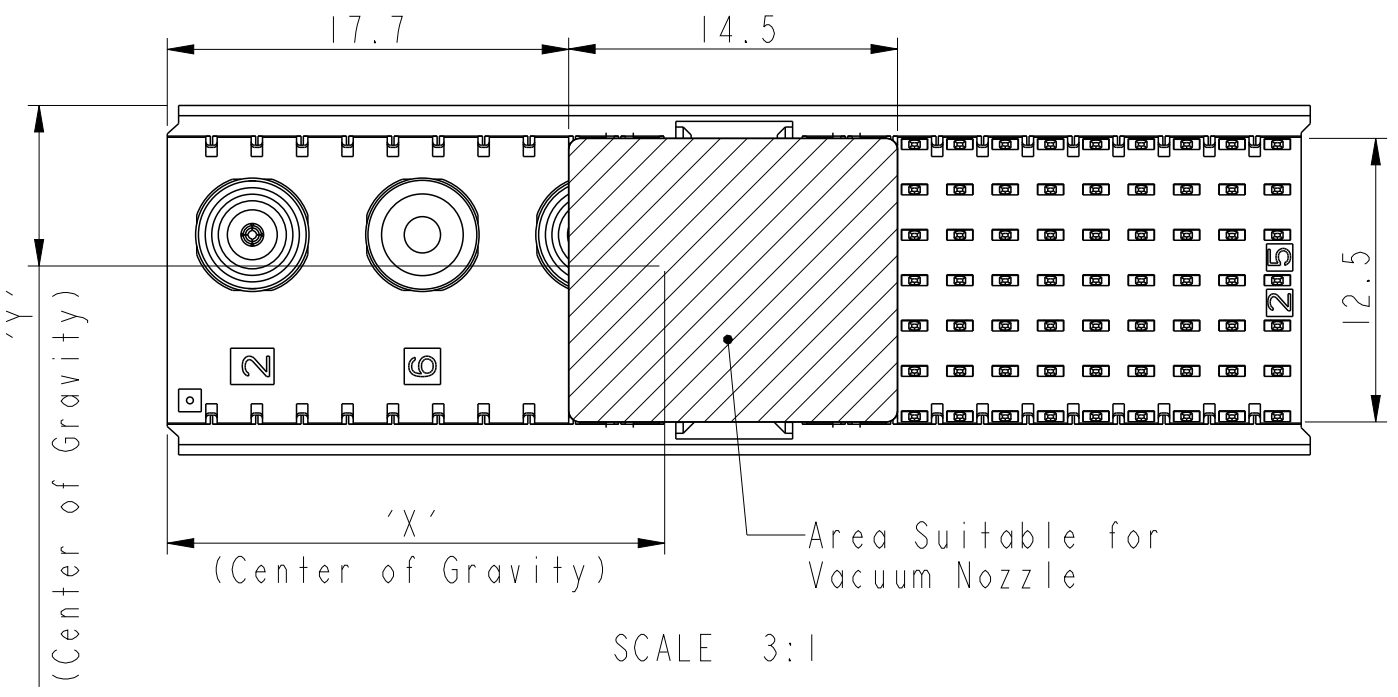


SCALE 3:10

NOTES :

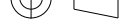
- 1 , CONNECTORS PACKED PER REEL : 110 PIECES
- 2 , PACKAGING DETAILS AS PER EIA-481-B
- 3 , PACKING SHOULD BE ANTISTATIC
- 4 , MATERIAL
CARRIER TAPE : POLYSTYRENE
COVER TAPE : POLYESTER
- 5 , CONNECTOR CAN BE PICKED UP WITH A VACUUM NOZZLE
DIAMETER UPTO 7 MM

Catalogue No.	Center of Gravity		Weight gms
	'X' mm	'Y' mm	
HM2PIISZ5001----	22.7	7.1	11.0
HM2PIISZ5011----	24.5	7.3	9.5
HM2PIISZ5021----	21.4	7.0	11.8
HM2PIISZ5031----	28.1	7.0	7.1
HM2PIISZ5041----	22.6	7.0	11.3



SCALE 3:1

Area Suitable for
Vacuum Nozzle

www.fciconnect.com			surface - ✓ ISO 1302		tolerance std ISO 406 ISO 1101		projection 	mm 
			TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	Alex Babu	2007-08-24	ANGULAR	LINEAR	0.X	±0.2	size A3	Scale 1:1
Eng	Alex Babu	2007-08-24			0.XX	±0.1		
Chr	Biju K Paul	2007-08-24			0°	±1°	0.XXX	±0.05
Appr	Biju K Paul	2007-08-24	Product family MILLIPACS				Spec ref -	
			title MILLIPACS TYPE-M STR HDR (PIP VERSION)			dwg no BSC203204004		Rev. C
catalog no			HM2PIISZ-----			CUSTOMER DRAWING	sheet 4 of 4	



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