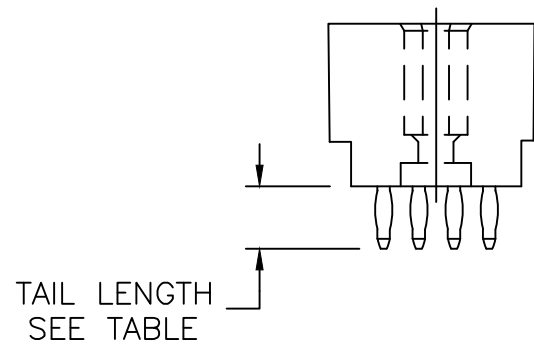
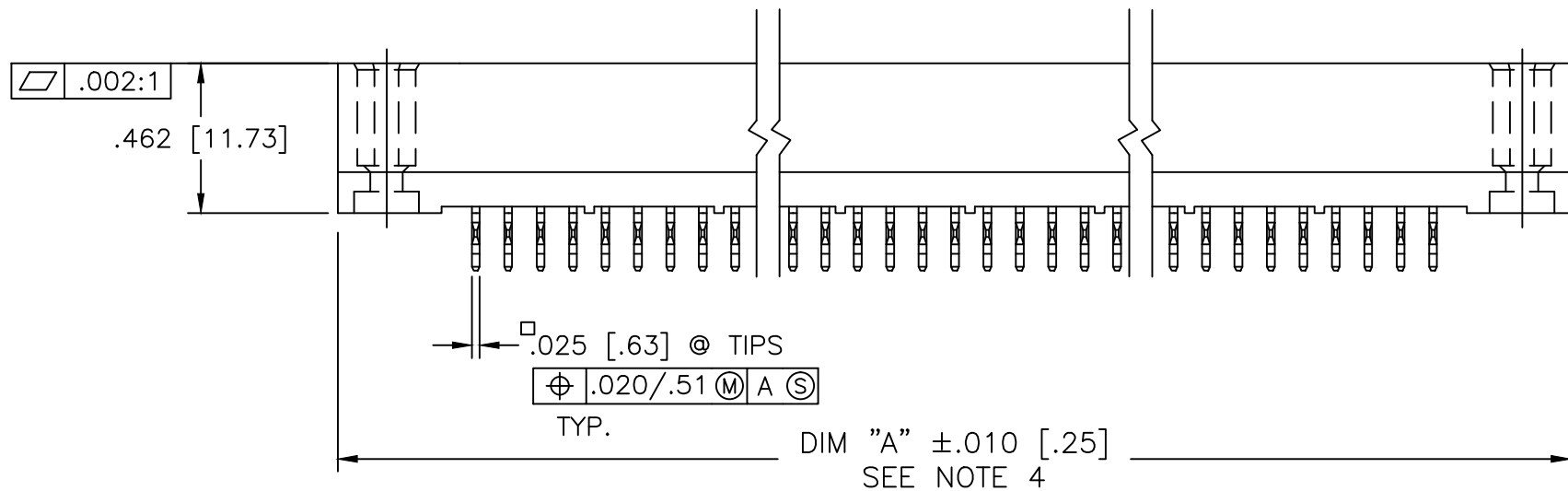
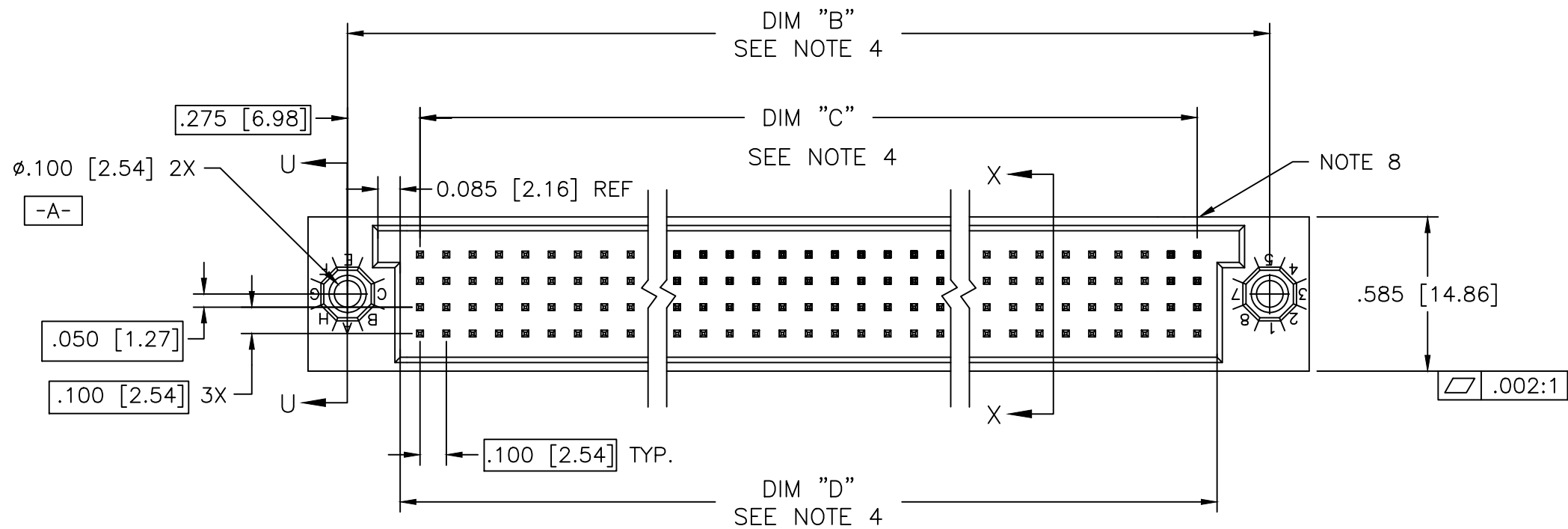




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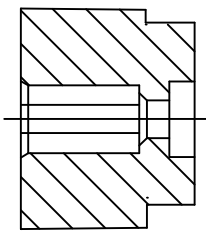
PRODUCT NUMBER
SEE TABLE AND NOTES 1 & 2 ONSHEET 3



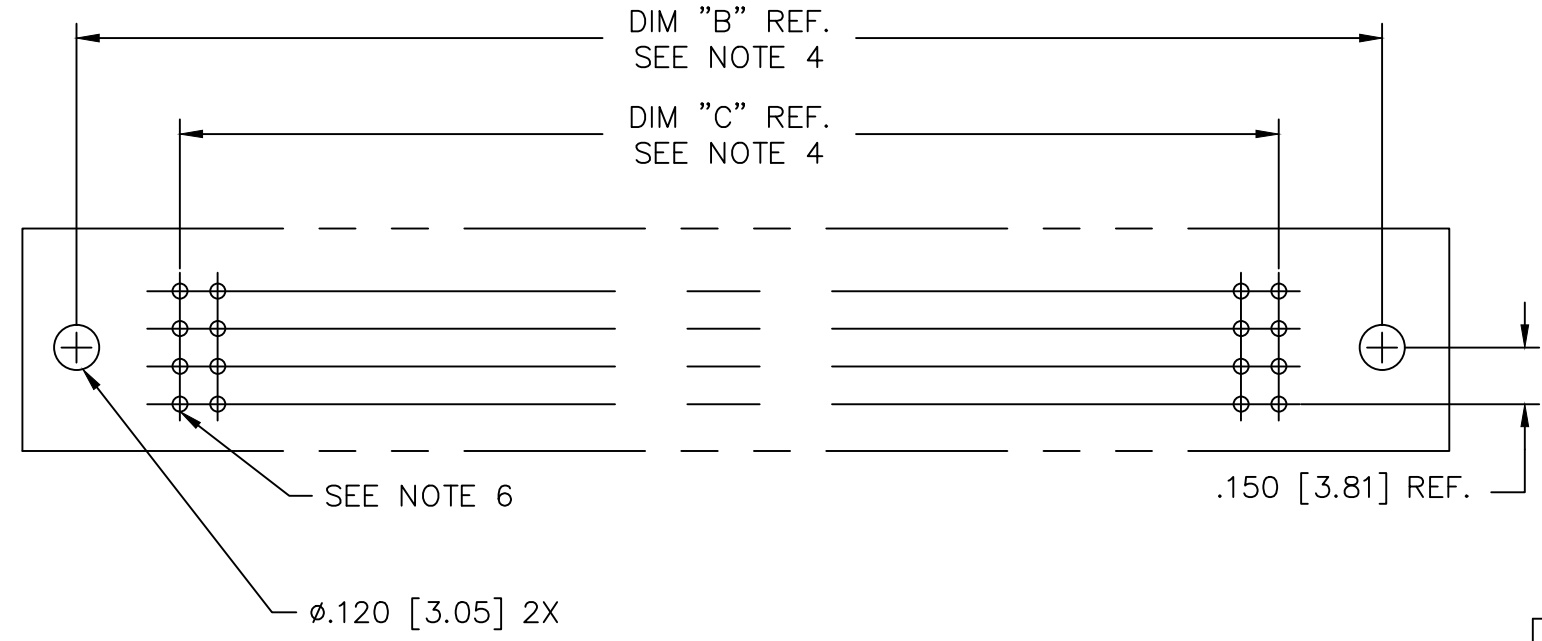
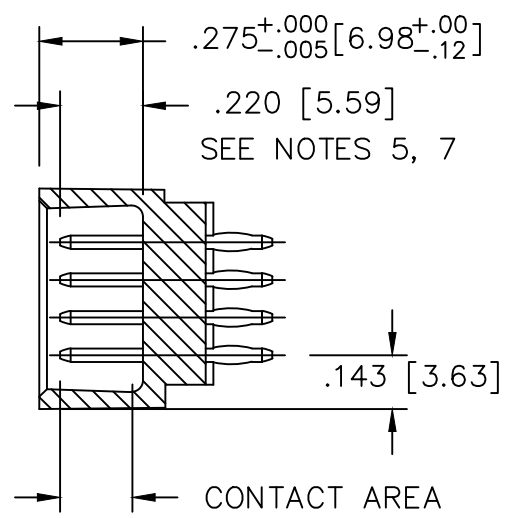
mat'l. code SEE NOTE 3				surface ISO 1302 ✓				tolerance ISO 406 ISO 1101				projection 				product family HPC																							
ltr		ecn no		dr		date		tolerances unless otherwise specified																title															
S		I11-0094		SAL		2011-05-23		angles linear		.XX±.01/.3								 INCH/MM				4 ROW VERTICAL HEADER W/PRESS-FIT PINS, 0 G.P.																	
T		ELX-I-13738		MJA		2012-12-21				.XXX±.005/.13																													
U		ELX-I-16877		MJA		2014-01-29				.XXX±.0020/.051																													
-		-		-		-		dr		D.HORCHLER				2005-06-29								dwg no								sheet 1 of 14				size					
N		V05-0999		DAI		10/29/05		enr		D.HORCHLER				2005-06-29								50009								A3									
P		M06-0283		MHT		7/27/06		chr		M JACOB				2014-01-29								type Product Customer Drawing																	
R		M06-0447		AGS		11/07/06		appd		BIJU K PAUL				2014-01-29																									
sheet		revision		U		U		U		U		U		U		U						U		U		U		U		U		U		U		U		U	
index		sheet		1		2		3		4		5		6		7		8		9		10		11		12		13		14									

PRODUCT NO.
SEE TABLE

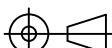
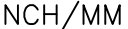
SECTION U-U



SECTION X-X



RECOMMENDED PCB LAYOUT
(ALL HOLES LOCATED ON .100/2.54 GRID
UNLESS OTHERWISE SPECIFIED)

mat'l. code SEE NOTE 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family HPC									
ltr	ecn no	dr	date	tolerances unless otherwise specified						title									
U				angles	linear	.XX±.01/.3		INCH/MM 	4 ROW VERTICAL HEADER W/PRESS—FIT PINS, 0 G.P.										
						.XXX±.005/.13													
				0°±2°		.XXXX±.0020/.051		scale 1:1											
				dr	D.HORCHLER	2005—06—21			dwg no		sheet 2 of 14						size		
				enr	D.HORCHLER	2005—06—21			50009								A3		
				chr	M JACOB	2014—01—29													
				appd	BIJU K PAUL	2014—01—29													
sheet index		revision sheet																	

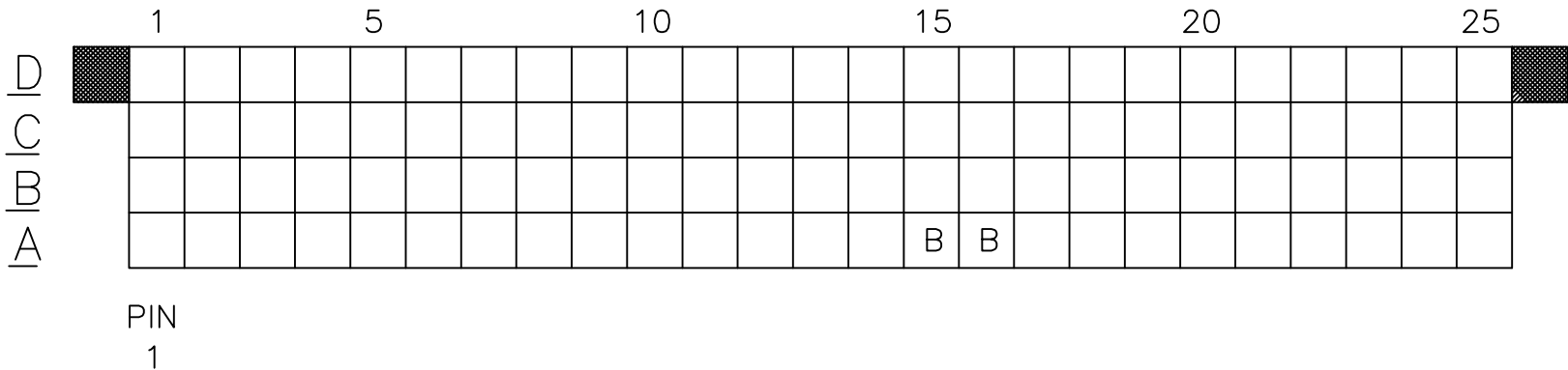


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1. ALL POSITIONS ARE LOADED WITH "A", EXCEPT AS SHOWN.
2. COLUMN 1, ROW A IS DESIGNATED AS SIGNAL PIN 1, AS VIEWED FROM THE MATING FACE.

PRODUCT NO.	ITEM KEY	SIGNAL DATA			
		SIZE 4 x 25	TOTAL NO. OF POSITIONS -100	NO. OF POSITIONS LOADED - 100	
				PRESS FIT STYLE	
		PLATING	QTY.	MATING LENGTH	TAIL LENGTH
50009-XX005	A	SEE SHEET 3	98	.220 / 5.59	.177 / 4.50
	B	SEE SHEET 3	2	.260 / 6.60	.177 / 4.50
50009-XX005LF	A	SEE SHEET 3	98	.220 / 5.59	.177 / 4.50
	B	SEE SHEET 3	2	.260 / 6.60	.177 / 4.50



mat'l. code SEE NOTE 3				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family HPC			
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM 	title 4 ROW VERTICAL HEADER W/PRESS-FIT PINS, 0 G.P.			
U				angles	linear					
				0°±2°						
				dr	D.HORCHLER	2005-06-29		dwg no		sheet 4 of 14
				enr	D.HORCHLER	2005-06-29		50009		A3
				chr	M JACOB	2014-01-29		type Product Customer Drawing		
				appd	BIJU K PAUL	2014-01-29				
sheet index	revision sheet									

1		2		3		4		5		6	
PRODUCT NO.	ITEM KEY	SIGNAL DATA									
		SIZE 4 x 25		TOTAL NO. OF POSITIONS -100				NO. OF POSITIONS LOADED - 100			
		CONTACT PLATING			QTY.		MATING LENGTH				
50009-XX067	A	SEE SHEET 3			98		.200 / 5.08				
	B	SEE SHEET 3			2		.240 / 6.10				
50009-XX067LF	A	SEE SHEET 3			98		.200 / 5.08				
	B	SEE SHEET 3			2		.240 / 6.10				

D

C

B

A

1	5	10	15	20	25
				B	B

PIN 1

1. ALL POSITIONS ARE LOADED WITH "A", EXCEPT AS SHOWN.

2. COLUMN 1, ROW A IS DESIGNATED AS SIGNAL PIN 1, AS VIEWED FROM THE MATING FACE.

mat'l. code				surface		tolerance		projection		product family																	
SEE NOTE 3				ISO 1302		ISO 406				HPC																	
ltr				ecn no		dr		date		tolerances unless otherwise specified		INCH/MM		title													
U										angles		linear		.XX±.01/.3		4 ROW VERTICAL HEADER											
										0°±2°				.XXX±.005/.13		W/PRESS-FIT PINS, 0 G.P.											
														.XXX±.0020/.051		scale 1:1		dwg no									
										dr		D.HORCHLER		2005-06-29				sheet 6 of 14		size							
										enr		D.HORCHLER		2005-06-29				50009		A3							
										chr		M JACOB		2014-01-29													
										appd		BIJU K PAUL		2014-01-29				type		Product Customer Drawing							
sheet index		revision sheet																									

form: A3

1

2

3

4

PDS: Rev :U

5

STATUS:Released

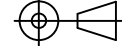
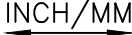
Printed: Jan 29, 2014

6

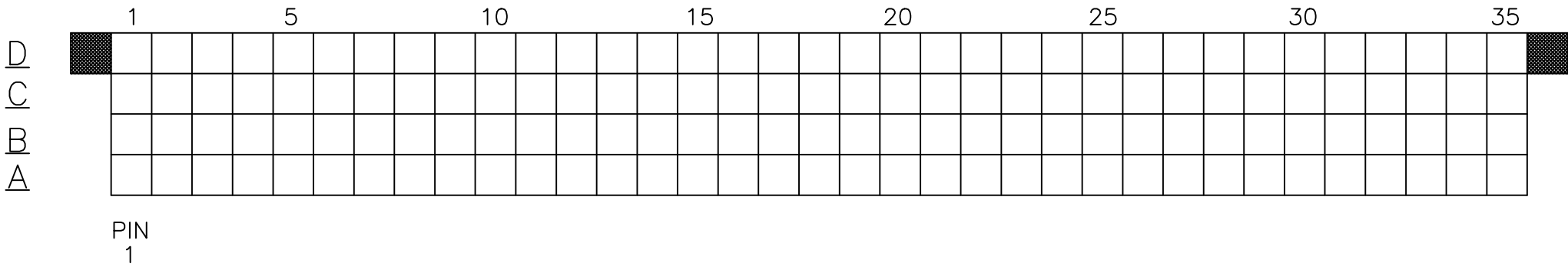
PRODUCT NO.	ITEM KEY	SIGNAL DATA				
		SIZE 4 x 50	TOTAL NO. OF POSITIONS – 200		NO. OF POSITIONS LOADED – 200	
		PIN PLATING	QTY.	MATING LENGTH	TAIL LENGTH	TOTAL PIN LENGTH
50009–XX076	A	SEE SHEET 3	130	.230 / 5.84	.177 / 4.50	.595 / 15.11
	B	SEE SHEET 3	68	.270 / 6.86	.177 / 4.50	.634 / 16.10
	C	SEE SHEET 3	2	.190 / 4.83	.177 / 4.50	.555 / 14.10
50009–XX076LF	A	SEE SHEET 3	130	.230 / 5.84	.177 / 4.50	.595 / 15.11
	B	SEE SHEET 3	68	.270 / 6.86	.177 / 4.50	.634 / 16.10
	C	SEE SHEET 3	2	.190 / 4.83	.177 / 4.50	.555 / 14.10

	1		5		10		15		20		25		30		35		40		45		50				
<u>D</u>		B	C		B			B			B			B			B			B			B	C	
<u>C</u>		B			B			B			B			B			B			B			B		
<u>B</u>		B			B			B			B			B			B			B			B		
<u>A</u>		B			B			B			B			B			B			B			B		
	PIN																								

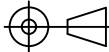
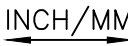
1. ALL POSITIONS ARE LOADED WITH "A", EXCEPT AS SHOWN.
2. COLUMN 1, ROW A IS DESIGNATED AS SIGNAL PIN 1, AS VIEWED FROM THE MATING FACE.

mat'l. code SEE NOTE 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family HPC																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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PRODUCT NO.	SIGNAL DATA				
	SIZE 4 x 35	TOTAL NO. OF POSITIONS -140	NO OF POSITIONS LOADED - 140		
	ITEM KEY	PINS: PLATING:	QUANTITY	MATING LENGTH	TAIL LENGTH
50009-XX124	A	SEE SHEET 3	140	.220 / 5.59	.603 / 15.32
50009-XX124LF	A	SEE SHEET 3	140	.220 / 5.59	.603 / 15.32



1. ALL POSITIONS ARE LOADED WITH "A".
2. COLUMN 1 ROW A IS DESIGNATED AS SIGNAL PIN 1, AS VIEWED FROM THE MATING FACE.

mat'l. code SEE NOTE 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family HPC										
ltr	ecn no	dr	date	tolerances unless otherwise specified						title 4 ROW VERTICAL HEADER W/PRESS-FIT PINS, 0 G.P.										
U				angles	linear	.XX±.01/.3														scale 1:1
						.xxx±.005/.13														
				0°±2°		.xxx±.0020/.051														
				dr	D.HORCHLER		2005-06-29			dwg no		sheet 8 of 14				size				
				engr	D.HORCHLER		2005-06-29			50009						A3				
				chr	M JACOB		2014-01-29													
				appd	BIJU K PAUL		2014-01-29													
sheet index		revision sheet																		

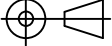
PRODUCT NUMBER	ITEM KEY	SIGNAL DATA			
		SIZE 4 x 50	TOTAL NO. OF POSITIONS –200	NO. OF POSITIONS LOADED – 200	
				PRESS FIT STYLE	
		PIN PLATING	QTY.	MATING LENGTH	TAIL LENGTH
50009–XX187	A	SEE SHEET 3	85	.220 / 5.59	.561 / 14.25
	B	SEE SHEET 3	1	.180 / 4.57	.521 / 13.23
	C	SEE SHEET 3	8	.260 / 6.60	.601 / 15.27
	D	SEE SHEET 3	106	.220 / 5.59	.177 / 4.50
50009–XX187LF	A	SEE SHEET 3	85	.220 / 5.59	.561 / 14.25
	B	SEE SHEET 3	1	.180 / 4.57	.521 / 13.23
	C	SEE SHEET 3	8	.260 / 6.60	.601 / 15.27
	D	SEE SHEET 3	106	.220 / 5.59	.177 / 4.50

	1	5	10	15	20	25
D						
C	A	A			A	
B	A	A		C	A	
A	A	A		C	A	
	A	A		A	A	

PIN
1

26	30	35	40	45	50
A		A		A	
	A		A		A
	A		A		A
A		A		A	

1. ALL POSITIONS ARE LOADED WITH "D" EXCEPT AS SHOWN.
2. COLUMN 1, ROW A IS DESIGNATED AS SIGNAL PIN 1, AS VIEWED FROM THE MATING FACE.

mat'l. code SEE NOTE 3				surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family HPC			
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM ↔	title 4 ROW VERTICAL HEADER W/PRESS–FIT PINS, 0 G.P.			
U				angles	linear					
				0°±2°						
				dr	D.HORCHLER	2005–06–29	FCI	dwg no		sheet 9 of 14
				enr	D.HORCHLER	2005–06–29		50009		A3
				chr	M JACOB	2014–01–29				
				appd	BIJU K PAUL	2014–01–29		type		Product Customer Drawing
sheet index	revision sheet									

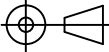
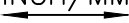
PRODUCT NUMBER	ITEM KEY	SIGNAL DATA			
		SIZE 4 x 80	TOTAL NO. OF	POSITIONS –320	NO. OF POSITIONS LOADED – 320
		PRESS FIT STYLE			
		PIN PLATING	QTY.	MATING LENGTH	TAIL LENGTH
50009–XX188	A	SEE SHEET 3	304	.210 / 5.33	.533 / 13.54
	B	SEE SHEET 3	16	.244 / 6.20	.533 / 13.54
50009–XX188LF	A	SEE SHEET 3	304	.210 / 5.33	.533 / 13.54
	B	SEE SHEET 3	16	.244 / 6.20	.533 / 13.54

	1	5	10	15	20	25	30	35	40
D	B	B							
C	B	B							
B	B	B							
A	B	B							

PIN
1

41	45	50	55	60	65	70	75	80
								B B
								B B
								B B
								B B

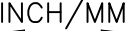
1. ALL POSITIONS ARE LOADED WITH "A" EXCEPT AS SHOWN.
2. COLUMN 1, ROW A IS DESIGNATED AS SIGNAL PIN 1, AS VIEWED FROM THE MATING FACE.

mat'l. code SEE NOTE 3				surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family HPC			
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM 	title 4 ROW VERTICAL HEADER W/PRESS–FIT PINS, 0 G.P.			
U				angles	linear					
				0°±2°						
				dr	D.HORCHLER	2005–06–29		dwg no		sheet10 of 14
				enr	D.HORCHLER	2005–06–29		50009		A3
				chr	M JACOB	2014–01–29		type Product Customer Drawing		
				appd	BIJU K PAUL	2014–01–29				
sheet index	revision sheet									

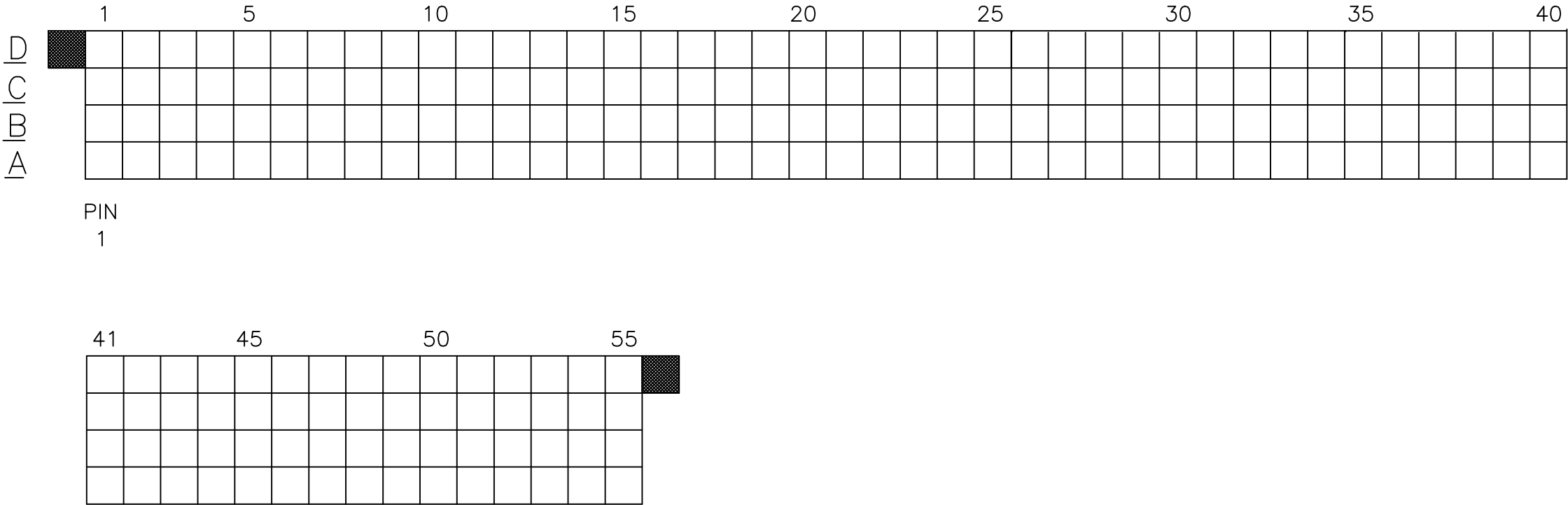
PRODUCT NUMBER	ITEM KEY	SIGNAL DATA			
		SIZE 4 x 80	TOTAL NO. OF POSITIONS –320	NO. OF POSITIONS LOADED – 320	
				PRESS FIT STYLE	
		PIN PLATING	QTY.	MATING LENGTH	TAIL LENGTH
50009–XX189	A	SEE SHEET 3	304	.210 / 5.33	.660 / 16.76
	B	SEE SHEET 3	16	.245 / 6.22	.660 / 16.76
50009–XX189LF	A	SEE SHEET 3	304	.210 / 5.33	.660 / 16.76
	B	SEE SHEET 3	16	.245 / 6.22	.660 / 16.76

		1		5		10		15		20		25		30		35		40	
D		B	B																
C		B	B																
B		B	B																
A		B	B																
PIN 1																			
		41		45		50		55		60		65		70		75		80	
																		B	B
																		B	B
																		B	B
																		B	B

1. ALL POSITIONS ARE LOADED WITH "A" EXCEPT AS SHOWN.
2. COLUMN 1, ROW A IS DESIGNATED AS SIGNAL PIN 1, AS VIEWED FROM THE MATING FACE.

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PRODUCT NO.	SIGNAL DATA				
	SIZE 4 x 55	TOTAL NO. OF POSITIONS –220	NO OF POSITIONS LOADED – 220		
	ITEM KEY	PINS: PLATING:	QUANTITY	MATING LENGTH	TAIL LENGTH
50009–XX190	A	SEE SHEET 3	220	.220 / 5.59	.250 / 6.35
50009–XX190LF	A	SEE SHEET 3	220	.220 / 5.59	.250 / 6.35



1. ALL POSITIONS ARE LOADED WITH "A".
2. COLUMN 1, ROW A IS DESIGNATED AS SIGNAL PIN 1, AS VIEWED FROM THE MATING FACE.

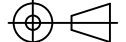
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PRODUCT NO.	ITEM KEY	SIGNAL DATA			
		SIZE 4 x 35	TOTAL NO. OF POSITIONS –140	NO. OF POSITIONS LOADED – 140	
		PLATING	QTY.	PRESS FIT STYLE	
				MATING LENGTH	TAIL LENGTH
50009–XX191	A	SEE SHEET 3	137	.220 / 5.59	.250 / 6.35
	B	SEE SHEET 3	3	.180 / 4.57	.250 / 6.35
50009–XX191LF	A	SEE SHEET 3	137	.220 / 5.59	.250 / 6.35
	B	SEE SHEET 3	3	.180 / 4.57	.250 / 6.35

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