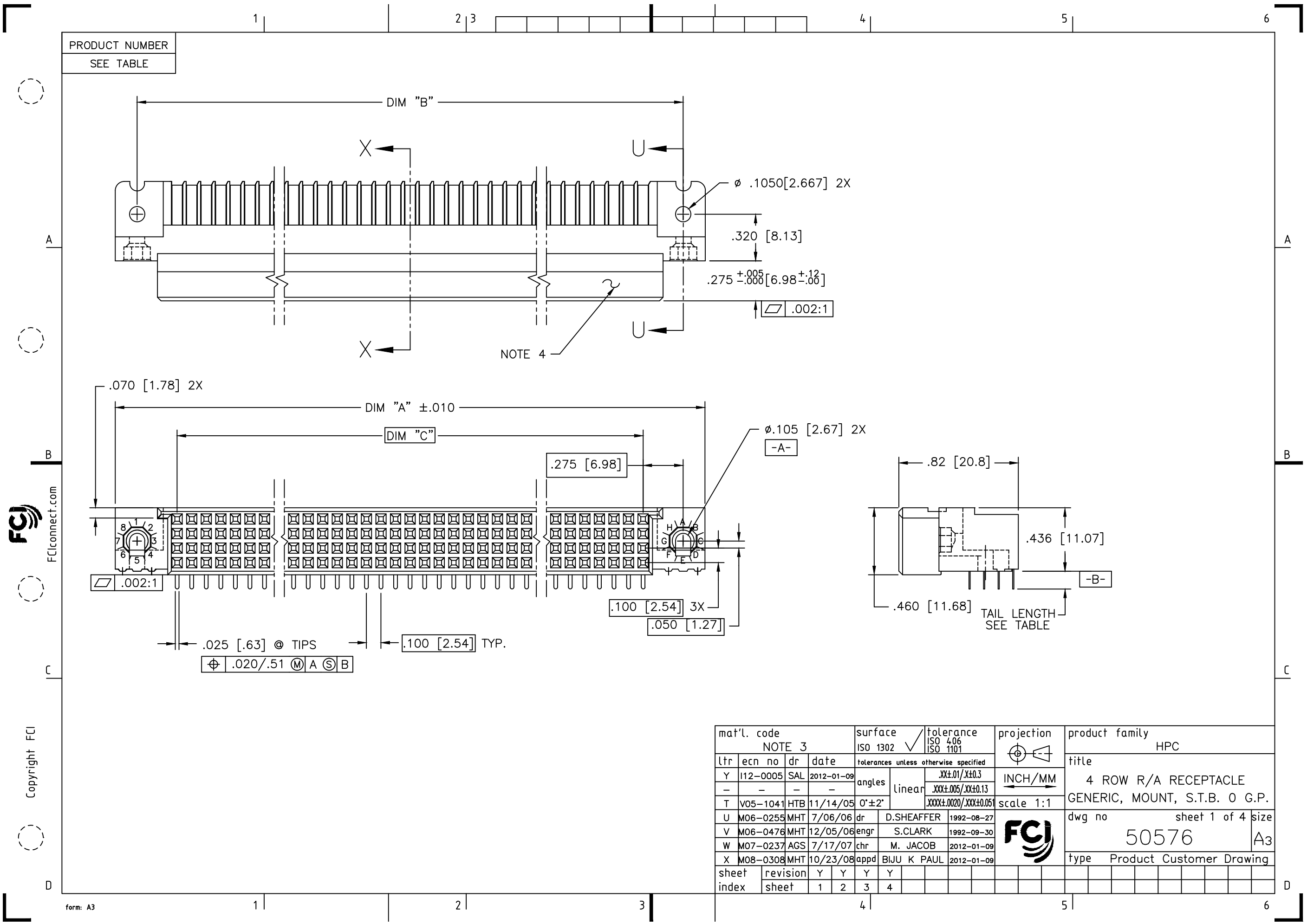




mat'l. code NOTE 3				surface ISO 1302	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HPC			
ltr	ecn no	dr	date	tolerances unless otherwise specified		scale 1:1	title 4 ROW R/A RECEPTACLE GENERIC, MOUNT, S.T.B. 0 G.P.			
Y	112-0005	SAL	2012-01-09	angles	linear		dwg no			
-	-	-	-				sheet 1 of 4 size			
T	V05-1041	HTB	11/14/05	0°±2°			50576 A3			
U	M06-0255	MHT	7/06/06	dr	D.SHEAFFER	1992-08-27	FCI type Product Customer Drawing			
V	M06-0476	MHT	12/05/06	enr	S.CLARK	1992-09-30				
W	M07-0237	AGS	7/17/07	chr	M. JACOB	2012-01-09				
X	M08-0308	MHT	10/23/08	appd	BIJU K PAUL	2012-01-09				
sheet	revision	Y	Y	Y	Y					
index	sheet	1	2	3	4					

PRODUCT NUMBER	NUMBER OF POSITIONS, NOTE 2	TAIL LENGTH	SOLDER TAIL PLATING	CONTACT AREA PLATING (NOTE 8)
50576-1YYYYE	YYY	.125±.010/3.18±.25	TIN-LEAD	30u"/.76u GOLD
50576-1YYYYELF	YYY	.125±.010/3.18±.25	TIN	30u"/.76u GXT
50576-1YYYYF	YYY	.145±.010/3.68±.25	TIN-LEAD	30u"/.76u GOLD
50576-1YYYYH	YYY	.180±.010/4.57±.25	TIN-LEAD	30u"/.76u GOLD
50576-3YYYYE	YYY	.125±.010/3.18±.25	TIN-LEAD	50u"/1.27u GOLD
50576-3YYYYF	YYY	.145±.010/3.68±.25	TIN-LEAD	50u"/1.27u GOLD
50576-3YYYYH	YYY	.180±.010/4.57±.25	TIN-LEAD	50u"/1.27u GOLD
50576-5YYYYE	YYY	.125±.010/3.18±.25	TIN-LEAD	30u"/.76u GXT
50576-5YYYYELF	YYY	.125±.010/3.18±.25	TIN	30u"/.76u GXT
50576-5YYYYF	YYY	.145±.010/3.68±.25	TIN-LEAD	30u"/.76u GXT
50576-5YYYYFLF	YYY	.145±.010/3.68±.25	TIN	30u"/.76u GXT
50576-5YYYYH	YYY	.180±.010/4.57±.25	TIN-LEAD	30u"/.76u GXT
50576-5YYYYHLF	YYY	.180±.010/4.57±.25	TIN	30u"/.76u GXT
50576-XX004	100	.125±.010/3.18±.25	TIN-LEAD	30u"/.76u GXT
50576-XX004LF	100	.125±.010/3.18±.25	TIN	30u"/.76u GXT
50576-XX008	80	.125±.010/3.18±.25	TIN-LEAD	30u"/.76u GOLD
50576-XX008LF	80	.125±.010/3.18±.25	TIN	30u"/.76u GXT

NOTES:

① PRODUCT NUMBERING CODE:

50576 - X YYY Z LF
LEAD FREE (OPTIONAL)
TAIL LENGTH (NOTE 5)
NO. OF POSITIONS (NOTE 2)
PLATING (NOTE 4)
BASE NUMBER

PRODUCT NUMBERING CODE FOR SELECT LOAD PART NUMBERS:

50576 - XXYYY LF
LEAD FREE (OPTIONAL)
SEQUENCE NUMBER
ALWAYS 'XX'
BASE NUMBER

② THIS PRODUCT IS CONFIGURED IN SIZES OF 6 THRU 80 COLUMNS IN INCREMENTS OF ONE.
i.e.: 6,7,8,9.....79,80.

③ HOUSING MATERIAL: GLASS AND MINERAL FILLED
HIGH TEMP. THERMOPLASTIC. FLAME RETARDANT
PER UL94V-0. COLOR: BLACK.
CONTACT MATERIAL: BeCu

④ MANUFACTURE'S NAME, PART NUMBER AND LOT CODE
TO APPEAR ON THIS SURFACE PER BUS-12-108.

5. DIMENSION "A" CALCULATION = .100(2.54) x NO. OF COLUMNS + .75(19.1)
DIMENSION "B" CALCULATION = .100(2.54) x NO. OF COLUMNS + .450(11.43)
DIMENSION "C" CALCULATION = .100(2.54) x NO. OF COLUMNS - .100(2.54)

6. THIS PRODUCT (WITH 'LF' SUFFIX) MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008. THIS HOUSING
WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10-30
SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

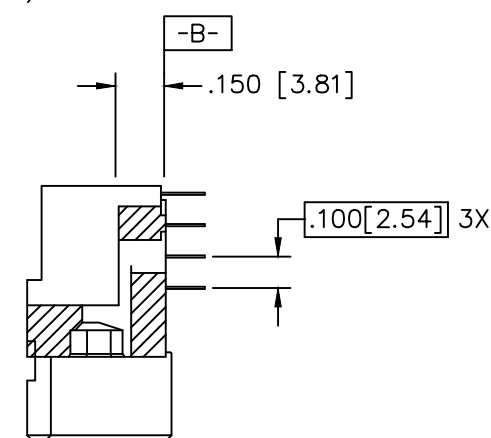
⑦ FOR P/N 50576-3YYYYE (CUSTOMER ALCATEL) USE CONTACT PLATING 30μ"/0.76μ GXT

⑧ PLATING OPTIONS:
MAYBE EITHER GOLD OR GXT PLATED AT MANUFACTURER CHOICE

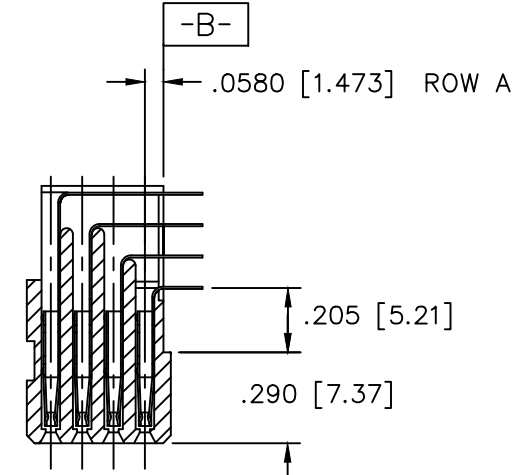
NOTE 7 (CUSTOMER SPECIAL)

SEE SHEET 3

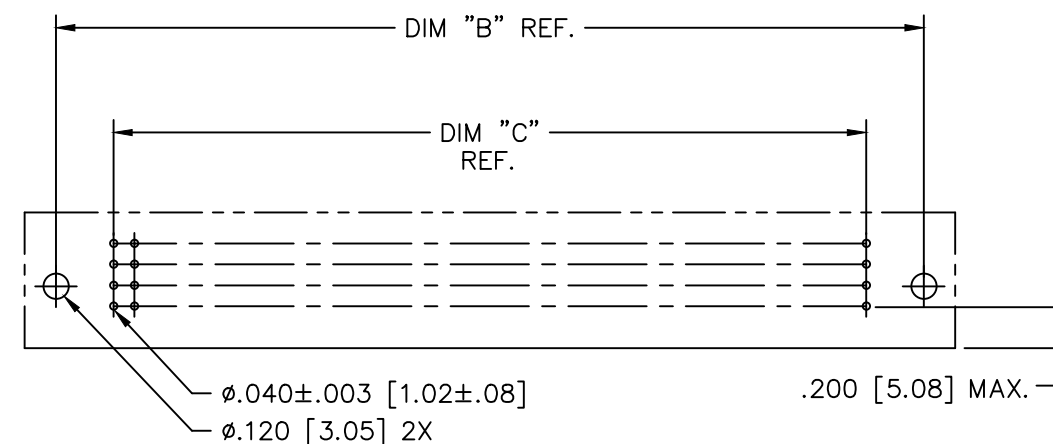
SEE SHEET 4



SECTION U-U



SECTION X-X



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

mat'l. code NOTE 3				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family HPC
ltr	ecr	no	dr	tolerances unless otherwise specified		INCH/MM	title
Y				angles	linear		4 ROW R/A RECEPTACLE
				0°±2'		scale 1:1	GENERIC, MOUNT, S.T.B. 0 G.P.
			dr	D.SHEAFFER	1992-08-27	FCJ	dwg no
			enr	S.CLARK	1992-09-30		sheet 2 of 4
			chr	M. JACOB	2012-01-09		size
			appd	BIJU K PAUL	2012-01-09		A3
sheet	revision						type
index	sheet						Product Customer Drawing

form: A3



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D

1. ALL POSITIONS ARE LOADED, EXCEPT WHERE NOTED
2. COLUMN 1, ROW A IS DESIGNATED AS SIGNAL TERM. 1, AS VIEWED FROM THE MATING FACE.

PDS: Rev :Y

STATUS:Released

Printed: Oct 10, 2012

1		2		3								4		5		6	
PRODUCT NUMBER	ITEM KEY	SIGNAL DATA															
		SIZE 4 x 20		TOTAL NO. OF POSITIONS –80				NO. OF POSITIONS LOADED – 40									
		PLATING (NOTE 8)		R/A RECEPTACLE STYLE													
			QTY.	MATING LENGTH			TAIL LENGTH										
50576–XX008	A	30u”/.76u Au	20	N/A			.125 [3.18]										
	B	30u”/.76u Au	20	N/A			.125 [3.18]										
	BLANK	OMIT	40	N/A			N/A										
50576–XX008LF	A	30u”/.76u GXT	20	N/A			.125 [3.18]										
	B	30u”/.76u GXT	20	N/A			.125 [3.18]										
	BLANK	OMIT	40	N/A			N/A										

50576-XX008 AND -XX008LF SHOWN ON THIS SHEET

20				15				10				5				1			
B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A

TERM.
1

1. ALL POSITIONS ARE LOADED, EXCEPT OMITs, AS SHOWN.
2. COLUMN 1, ROW A IS DESIGNATED AS SIGNAL TERM. 1, AS VIEWED FROM THE MATING FACE.
3. FOR ADDED DIMENSIONAL INFORMATION REFER TO DOCUMENT NUMBER "50576".

mat'l. code NOTE 3				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family HPC
ltr	ecn	no	dr	tolerances unless otherwise specified			title
Y				angles	linear		4 ROW R/A RECEPTACLE
				0°±2°	.XX±.01/.X±0.3 .XXX±.005/.XX±0.13 .XXXX±.0020/.XXX±0.051		GENERIC, MOUNT, S.T.B. 0 G.P.
				dr	D.SHEAFFER	1992-08-27	dwg no
				enr	S.CLARK	1992-09-30	sheet 4 of 4
				chr	M. JACOB	2012-01-09	size
				appd	BIJU K PAUL	2012-01-09	A3
sheet index	revision sheet						type Product Customer Drawing



Mouser Electronics

Authorized Distributor

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[50576-1200E](#) [50576-1260E](#) [50576-1264E](#) [50576-1300E](#) [50576-5024E](#) [50576-5040E](#) [50576-5048E](#) [50576-5060E](#)
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