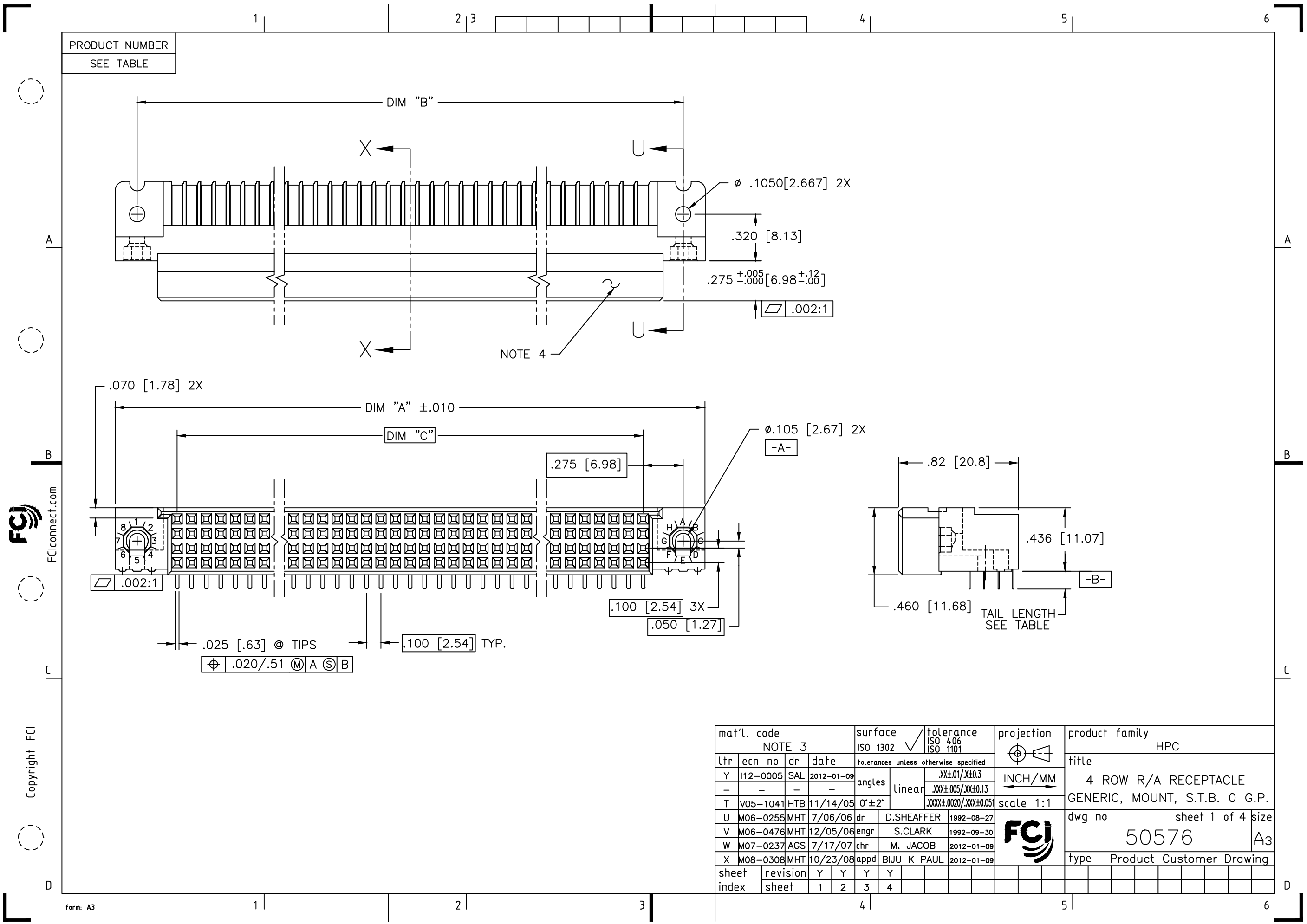




PRODUCT NUMBER	NUMBER OF POSITIONS, NOTE 2	TAIL LENGTH	SOLDER TAIL PLATING	CONTACT AREA PLATING (NOTE 8)
50576-1YYYYE	YYY	.125±.010/3.18±.25	TIN-LEAD	30u"/.76u GOLD
50576-1YYYYELF	YYY	.125±.010/3.18±.25	TIN	30u"/.76u GXT
50576-1YYYYF	YYY	.145±.010/3.68±.25	TIN-LEAD	30u"/.76u GOLD
50576-1YYYYH	YYY	.180±.010/4.57±.25	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

NOTE 7 (CUSTOMER SPECIAL)

SEE SHEET 3

SEE SHEET 4

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

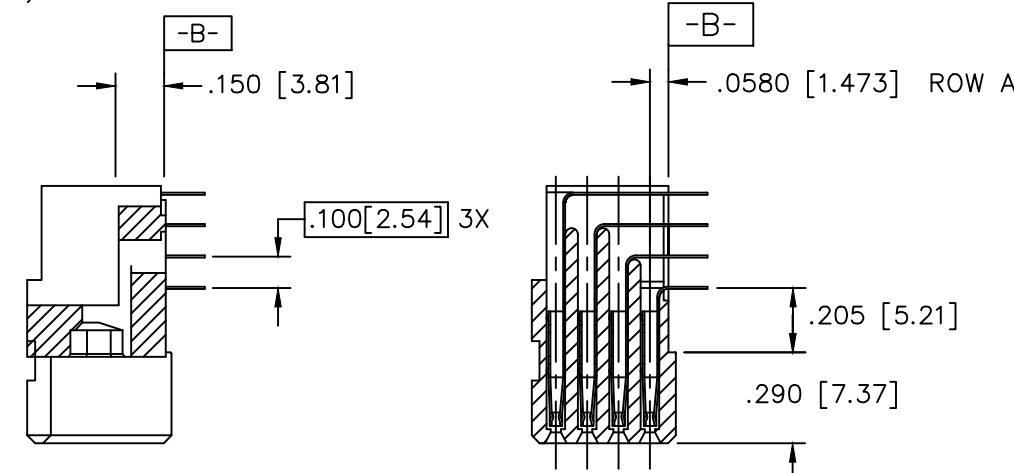
④ MANUFACTURE'S NAME, PART NUMBER AND LOT CODE TO APPEAR ON THIS SURFACE PER BUS-12-108.

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.

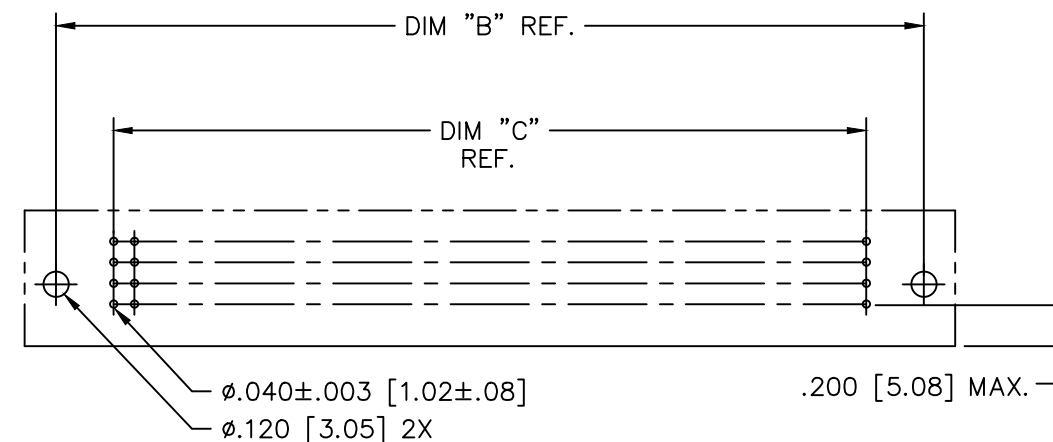
⑦ FOR P/N 50576-3YYYYE (CUSTOMER ALCATEL) USE CONTACT PLATING 30μ"/0.76μ GXT

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



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'	.XX±.01/.X±0.3 .XXX±.005/.XX±0.13 .XXXX±.0020/.XXX±0.051	scale 1:1	GENERIC, MOUNT, S.T.B. 0 G.P.
			dr	D.SHEAFFER	1992-08-27	FCI	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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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
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	date	tolerances unless otherwise specified				title			
Y					angles	linear	.XX±.01/.X±0.3		4 ROW R/A RECEPTACLE GENERIC, MOUNT, S.T.B. 0 G.P.			
							.XXX±.005/.XX±0.13					
					0°±2°		.XXX±.0020/.XXX±0.051	scale 1:1	dwg no sheet 4 of 4 size			
					dr	D.SHEAFFER	1992-08-27					
					engr	S.CLARK	1992-09-30		50576 A3			
					chr	M. JACOB	2012-01-09					
					appd	BIJU K PAUL	2012-01-09		type Product Customer Drawing			
sheet index		revision sheet										

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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[XX008](#)