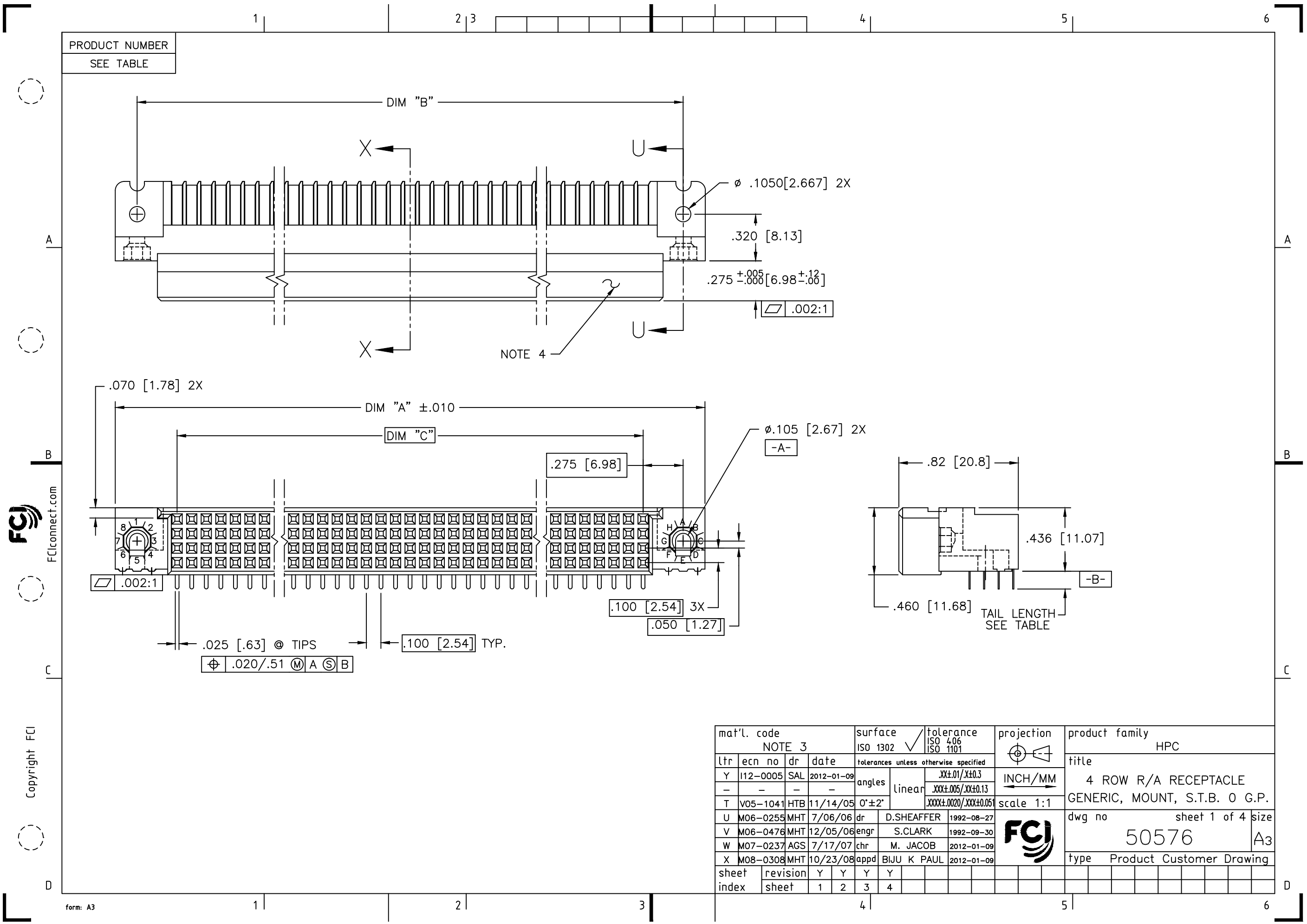




mat'l. code				surface		tolerance		projection		product family			
NOTE 3				ISO 1302		ISO 406		ISO 1101		HPC			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
Y	112-0005	SAL	2012-01-09	angles	linear	.XX±.01/.X±0.3		INCH/MM		4 ROW R/A RECEPTACLE			
-	-	-	-			.XXX±.005/.XX±0.13				GENERIC, MOUNT, S.T.B. 0 G.P.			
T	V05-1041	HTB	11/14/05	0°±2°		.XXXX±.0020/.XXX±0.051		scale 1:1		dwg no			
U	M06-0255	MHT	7/06/06	dr	D.SHEAFFER	1992-08-27	FCI			sheet 1 of 4 size			
V	M06-0476	MHT	12/05/06	enr	S.CLARK	1992-09-30				50576			
W	M07-0237	AGS	7/17/07	chr	M. JACOB	2012-01-09				A3			
X	M08-0308	MHT	10/23/08	appd	BIJU K PAUL	2012-01-09				type Product Customer Drawing			
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

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

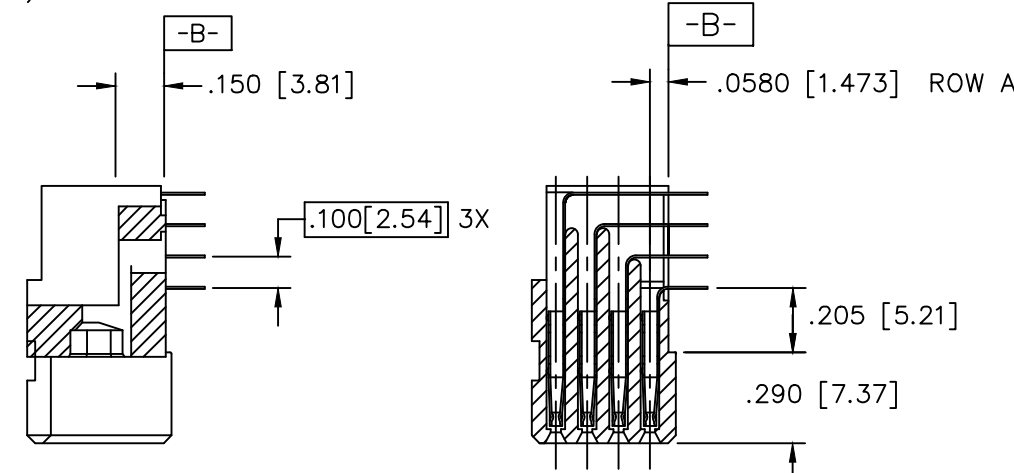
④ MANUFACTURE'S NAME, PART NUMBER AND LOT CODE TO APPEAR ON THIS SURFACE PER BUS-12-108.

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.

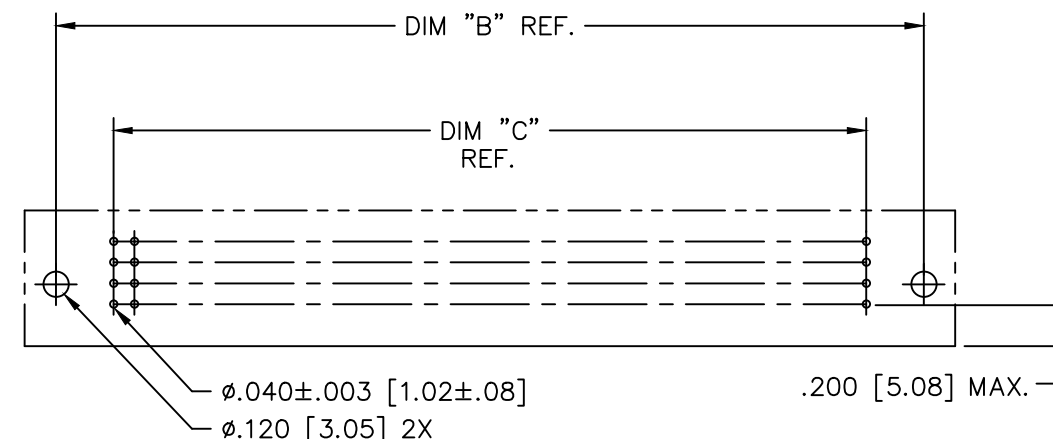
⑦ FOR P/N 50576-3YYYYE (CUSTOMER ALCATEL) USE CONTACT PLATING 30μ"/0.76μ GXT

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	ecn	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
				enrg	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

SIGNAL DATA	
SIZE 4 x 25	
NO. OF POSITIONS LOADED - 088	
ITEM KEY	QTY.
A	22
B	22
C	22
D	22
BLANK	12

50576-XX004 AND -XX004LF SPECIAL LOAD PATTERN IS SHOWN ON THIS SHEET

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

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

mat'l. code				surface		tolerance		projection		product family										
NOTE 3				ISO 1302		ISO 406				HPC										
ltr	ecn	no	dr	date		tolerances unless otherwise specified						title								
Y						angles	linear	.XX±.01/X±0.3												
								.XXX±.005/.XX±0.13												
								.XXXX±.0020/.XXX±0.051												
						0±.2°								scale 1:1						
						dr	D.SHEAFFER		1992-08-27				dwg no		sheet 3 of 4				size	
						engr	S.CLARK		1992-09-30				50576		A3					
						chr	M. JACOB		2012-01-09											
						appd	BIJU K PAUL		2012-01-09											
sheet index		revision sheet																		

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	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

