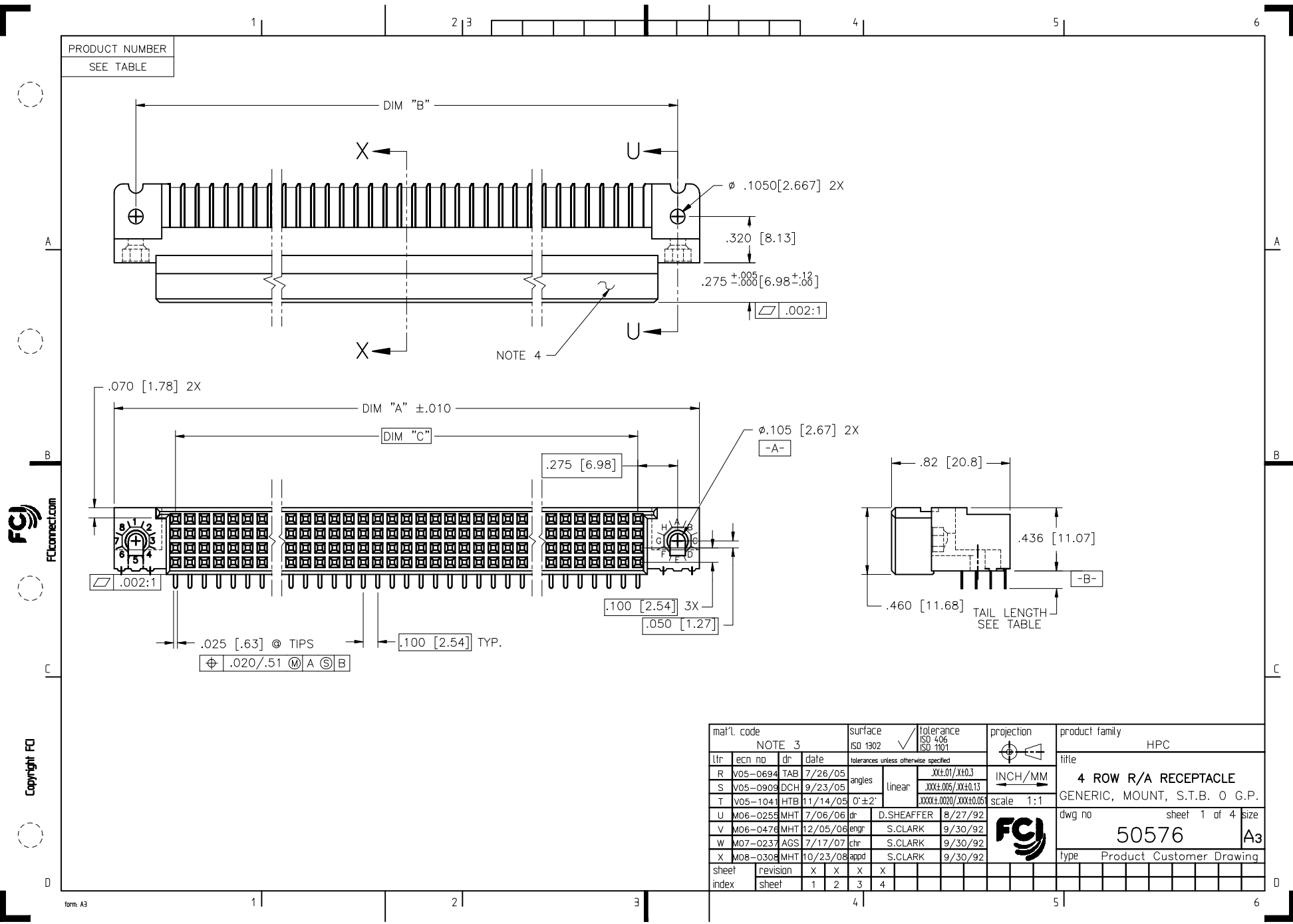




mat'l. code				surface	tolerance	projection	product family
NOTE 3				ISO 1302	ISO 1101		HPC
ltr	ecn no	dr	date	tolerances unless otherwise specified			
R	V05-0694	TAB	7/26/05	angles	linear	XX±.01/XX±.03	INCH/MM scale 1:1
S	V05-0909	DCH	9/23/05			XXX±.006/XXX±0.13	
T	V05-1041	HTB	11/14/05	0'±2'		XXX±.0020/XXX±0.05	
U	M06-0255	MHT	7/06/06	dr	D.SHEAFFER	8/27/92	FCI
V	M06-0476	MHT	12/05/06	engr	S.CLARK	9/30/92	
W	M07-0237	AGS	7/17/07	chr	S.CLARK	9/30/92	
X	M08-0308	MHT	10/23/08	appd	S.CLARK	9/30/92	
sheet	revision	X	X	X	X		type Product Customer Drawing
index	sheet	1	2	3	4		

title
4 ROW R/A RECEPTACLE
GENERIC, MOUNT, S.T.B. 0 G.P.

dwg no
50576

sheet 1 of 4 size
A3

PRODUCT NUMBER	NUMBER OF POSITIONS, NOTE 2	TAIL LENGTH	SOLDER TAIL PLATING	CONTACT AREA PLATING (NOTE 8)
50576-1YYYY	YYY	.125±.010/3.18±.25	TIN-LEAD	30u"/.76u GOLD
50576-1YYELF	YYY	.125±.010/3.18±.25	TIN	30u"/.76u GXT
50576-1YYF	YYY	.145±.010/3.68±.25	TIN-LEAD	30u"/.76u GOLD
50576-1YYH	YYY	.180±.010/4.57±.25	TIN-LEAD	30u"/.76u GOLD
50576-3YYYY	YYY	.125±.010/3.18±.25	TIN-LEAD	50u"/1.27u GOLD
50576-3YYF	YYY	.145±.010/3.68±.25	TIN-LEAD	50u"/1.27u GOLD
50576-3YYH	YYY	.180±.010/4.57±.25	TIN-LEAD	50u"/1.27u GOLD
50576-5YYYY	YYY	.125±.010/3.18±.25	TIN-LEAD	30u"/.76u GXT
50576-5YYELF	YYY	.125±.010/3.18±.25	TIN	30u"/.76u GXT
50576-5YYF	YYY	.145±.010/3.68±.25	TIN-LEAD	30u"/.76u GXT
50576-5YYFLF	YYY	.145±.010/3.68±.25	TIN	30u"/.76u GXT
50576-5YYH	YYY	.180±.010/4.57±.25	TIN-LEAD	30u"/.76u GXT
50576-5YYHLF	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

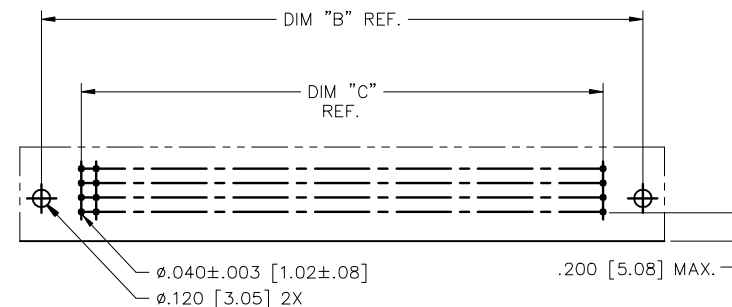
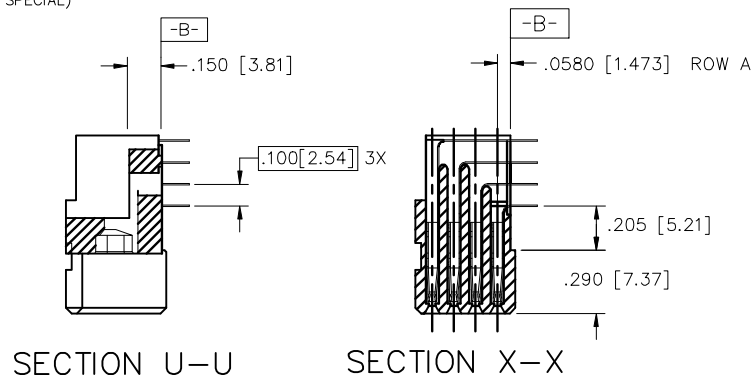
④ MANUFACTURE'S NAME, PART NUMBER AND LOT CODE TO APPEAR ON THIS SURFACE PER BUS-12-108.

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 50576-3YYYY (CUSTOMER ALCATEL) USE CONTACT PLATING 30u"/.76u GXT

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



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	projection	product family
ltr	ecn no	dr	date	tolerances unless otherwise specified			HPC
x				angles	linear	INCH/MM	title
				0°±2'	XXX±.01/XX±0.3	scale 1:1	4 ROW R/A RECEPTACLE
				dr	XXX±.006/XX±0.13		GENERIC, MOUNT, S.T.B. 0 G.P.
				engr	XXX±.0020/XXX±0.05		dwg no
				chr			sheet 2 of 4
				appd			size
sheet	revision						A3
index	sheet						type
							Product Customer Drawing

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	D	D	D	D	D	D	D
C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
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

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 ISO 1302		tolerance ISO 406 ISO 1101		projection		product family HPC	
NOTE 3										title	
ltn	ecn no	dr	date	tolerances unless otherwise specified						4 ROW R/A RECEPTACLE	
x				angles	linear	XX±.01/XX±0.3 XXX±.005/XXX±0.13 XXX±.0020/XXX±0.05		INCH/MM		GENERIC, MOUNT, S.T.B. 0 G.P.	
				0'±2'				scale 1:1		dwg no	
				dr	D.SHEAFFER	8/27/92				sheet 3 of 4 size	
				engr	S.CLARK	9/30/92				50576 A3	
				chr	S.CLARK	9/30/92				type	
				appd	S.CLARK	9/30/92				Product Customer Drawing	
sheet	revision										
index	sheet										



FCIconnect.com

Copyright FCI

TERM.
1

- | | | | | | | | | | | | | | |
|-------------|--------|----------------|------------|-----------------------|---------------------------------------|---------------------------------|-------------------------------------|----------------|-----------|-----------------------|-------------------------------|--|--|
| mat'l code | | | | surface
ISO 1902 ✓ | | tolerance
± .006
ISO 1101 | | projection
 | | product family
HPC | | | |
| NOTE 3 | | | | | | | | | | | | | |
| ltr | ecn no | dr | date | | tolerances unless otherwise specified | | | | | | | | |
| x | | | | | angles | | linear | | INCH/MM | | | | |
| | | | | | | | $.XXX \pm .01 / .XXX \pm .03$ | | | | | | |
| | | | | | | | $.XXXX \pm .005 / .XXX \pm .013$ | | | | | | |
| | | | 0° ± 2° | | | | $.XXXXX \pm .0020 / .XXXX \pm .005$ | | scale 1:1 | | | | |
| | | dr | D.SHEAFFER | | 8/27/92 | | | | | | dwg no sheet 4 of 4 size | | |
| | | engr | S.CLARK | | 9/30/92 | | | | | | 50576 | | |
| | | chr | S.CLARK | | 9/30/92 | | | | | | A3 | | |
| | | appd | S.CLARK | | 9/30/92 | | | | | | type Product Customer Drawing | | |
| sheet index | | revision sheet | | | | | | | | | | | |