

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

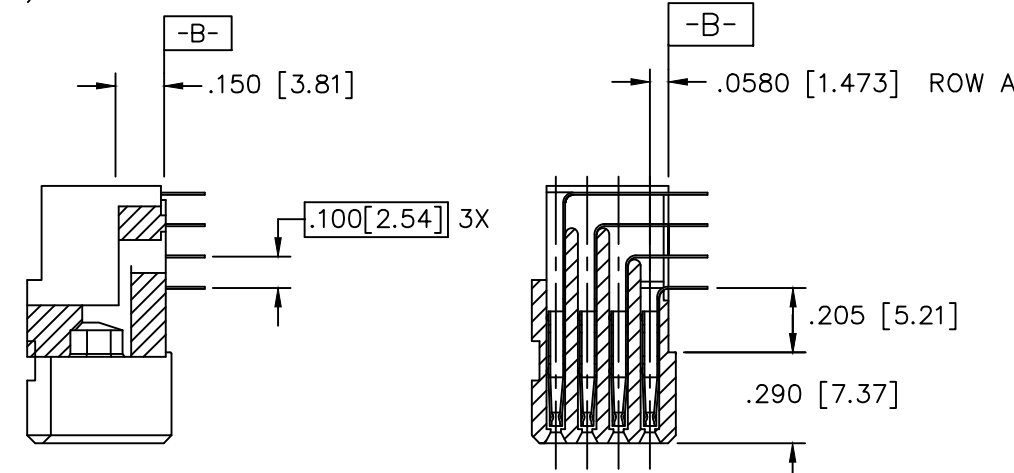
④ MANUFACTURE'S NAME, PART NUMBER AND LOT CODE TO APPEAR ON THIS SURFACE PER BUS-12-108.

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.

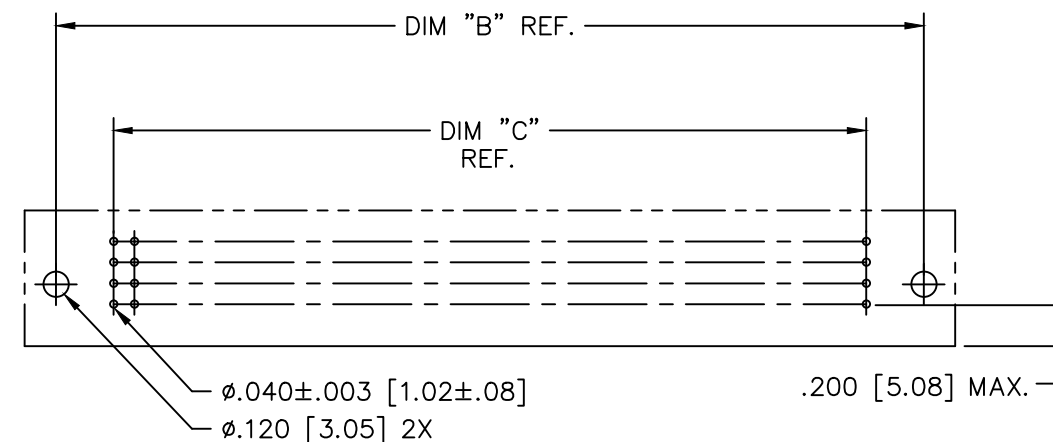
⑦ FOR P/N 50576-3YYYYE (CUSTOMER ALCATEL) USE CONTACT PLATING 30μ"/0.76μ GXT

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

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

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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	 INCH/MM scale 1:1	title
Y					angles linear .XX±.01/.X±0.3 .XXX±.005/.XX±0.13 .XXXX±.0020/.XXX±0.051		4 ROW R/A RECEPTACLE GENERIC, MOUNT, S.T.B. 0 G.P.
					dr D.SHEAFFER 1992-08-27 enr S.CLARK 1992-09-30 chr M. JACOB 2012-01-09 appd BIJU K PAUL 2012-01-09		dwg no 50576 sheet 4 of 4 size A3
sheet index	revision sheet						type Product Customer Drawing