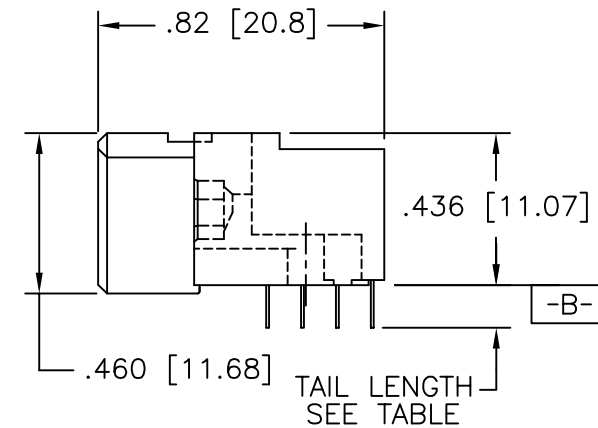
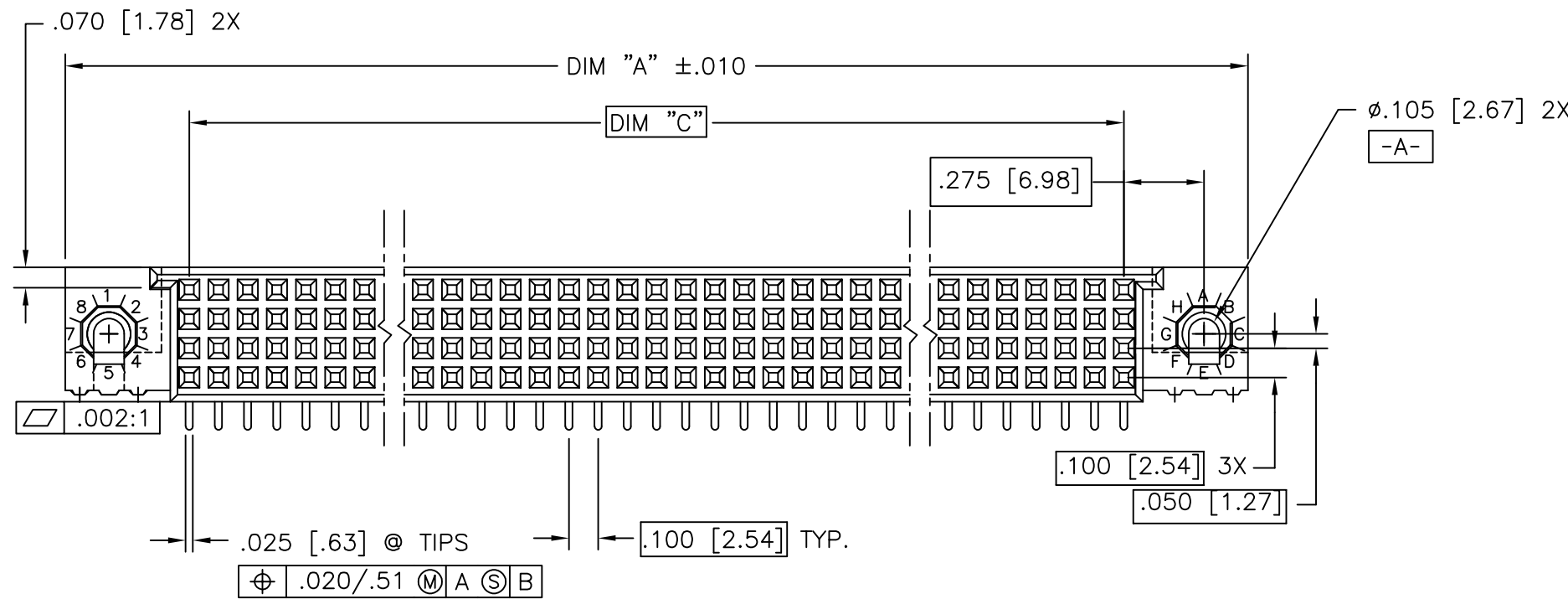
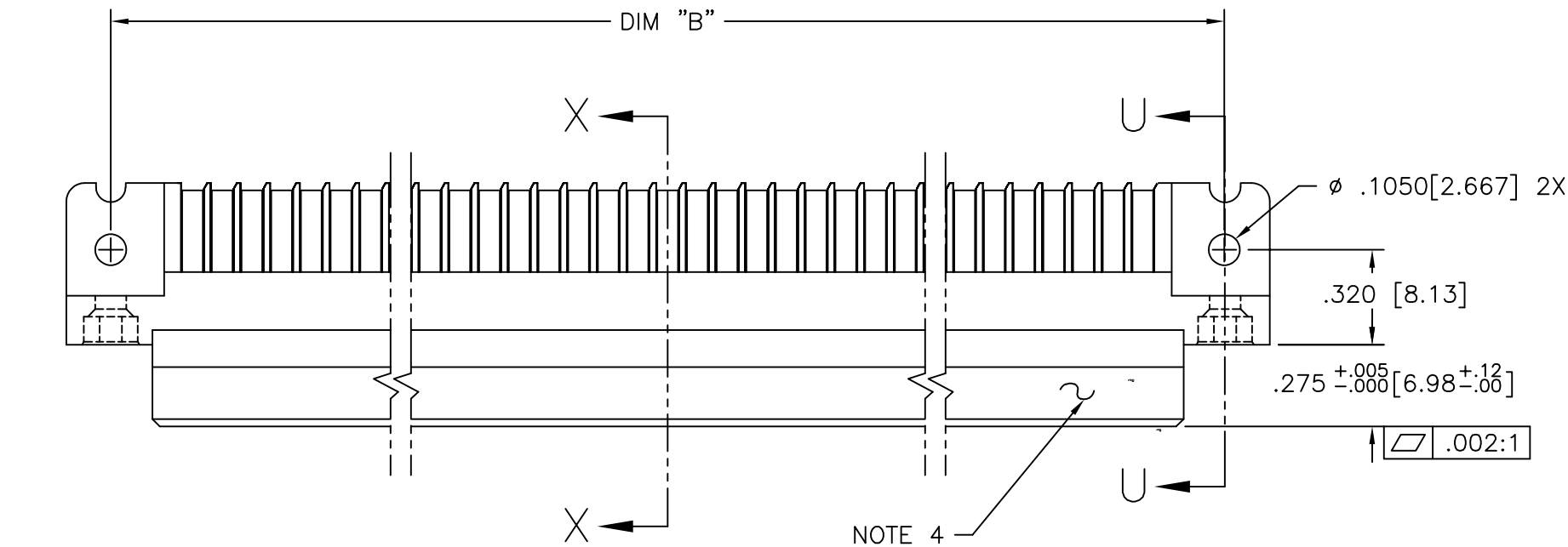


PRODUCT NUMBER
SEE TABLE



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		linear		scale 1:1		title 4 ROW R/A RECEPTACLE GENERIC, MOUNT, S.T.B. 0 G.P.									
Y	I12-0005	SAL	2012-01-09	angles		.XX±.01/.X±0.3		INCH/MM											
AA	ELX-I-31133	MJA	2018-09-01			.XXX±.005/.XX±0.13													
-	-	-	-	0°±2°		.XXX±.0020/.XXX±0.051													
U	M06-0255	MHT	7/06/06	dr	D.SHEAFFER	1992-08-27													
V	M06-0476	MHT	12/05/06	enr	S.CLARK	1992-09-30													
W	M07-0237	AGS	7/17/07	chr	M. JACOB	2018-09-01													
X	M08-0308	MHT	10/23/08	appd	BIJU K PAUL	2018-09-01													
sheet	revision	AA	AA	Y	Y	A													
index	sheet	1	2	3	4	5													

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
50576-1YYYYLF	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
50576-5YYYYLF	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
50576-XX009LF	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

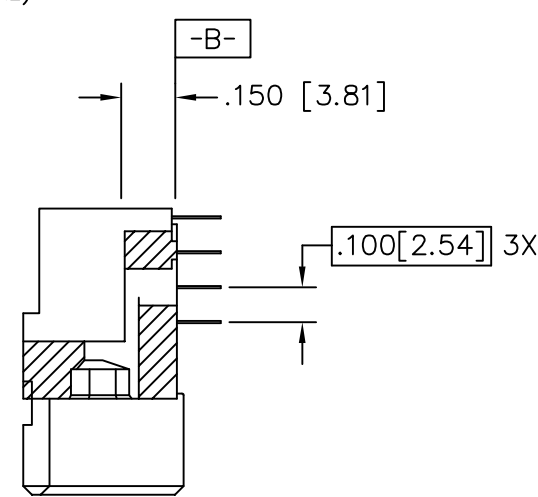
⑧. PLATING OPTIONS:
MAYBE EITHER GOLD OR GXT PLATED AT MANUFACTURER CHOICE

NOTE 7 (CUSTOMER SPECIAL)

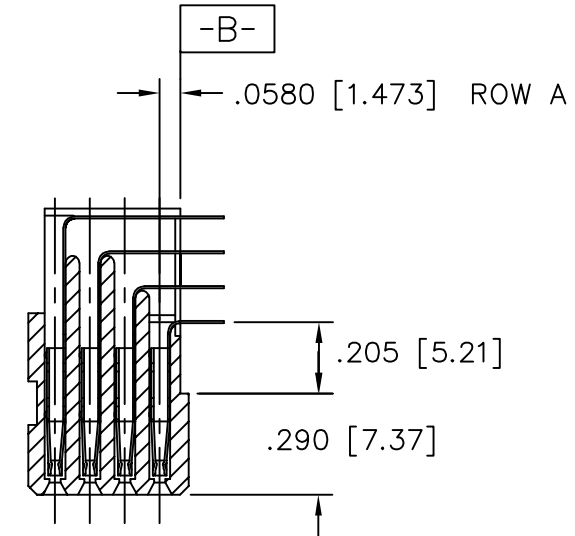
SEE SHEET 3

SEE SHEET 4

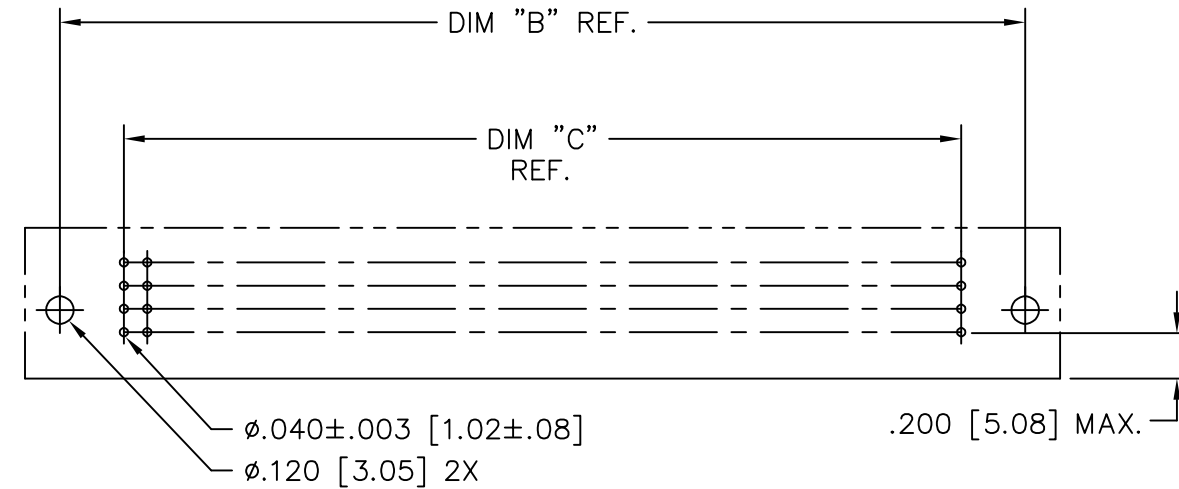
SEE SHEET 5



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 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.			
AA					angles linear		dwg no 50576			
					0°±2°					
					dr D.SHEAFFER	1992-08-27	Amphenol FCi			
					enr S.CLARK	1992-09-30				
					chr M. JACOB	2018-09-01				
					appd BIJU K PAUL	2018-09-01	type Product Customer Drawing			
sheet index	revision sheet									

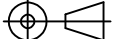
1		2		3										4	5		6
PRODUCT NUMBER	ITEM KEY	SIGNAL DATA															
		SIZE 4 x 20		TOTAL NO. OF POSITIONS –80				NO. OF POSITIONS LOADED – 60									
		PLATING (NOTE 8)		QTY.		R/A RECEPTACLE STYLE											
						MATING LENGTH			TAIL LENGTH								
50576–XX009LF	A	30u”/.76u GXT		20		N/A				.125 [3.18]							
	B	30u”/.76u GXT		20		N/A				.125 [3.18]							
	C	30u”/.76u GXT		20		N/A				.125 [3.18]							

20		15					10					5					1	
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

D
C
B
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.

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 	title 4 ROW R/A RECEPTACLE GENERIC, MOUNT, S.T.B. 0 G.P.									
A				angles	linear	.XX±.01/.X±0.3													
						.XXX±.005/.XX±0.13													
				0°±2°		.XXXX±.0020/.XXX±0.051			scale 1:1	dwg no sheet 5 of 5 size 50576 A3									
				dr	M JACOB	2018-09-01		Amphenol FCI											
				enr	M JACOB	2018-09-01													
				chr	S ALOSIOUS	2018-09-01													
				appd	BIJU K PAUL	2018-09-01													
sheet index		revision sheet																	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI / Amphenol:

[50576-1128ELF](#) [50576-5040ELF](#) [50576-5048ELF](#) [50576-5060ELF](#) [50576-1100E](#) [50576-1120E](#) [50576-1128E](#)
[50576-1160E](#) [50576-1180E](#) [50576-1200E](#) [50576-1260E](#) [50576-1264E](#) [50576-1300E](#) [50576-5024E](#) [50576-5040E](#)
[50576-5048E](#) [50576-5060E](#) [50576-5120E](#) [50576-5152E](#) [50576-5100ELF](#) [50576-5128ELF](#) [50576-5160ELF](#) [50576-](#)
[5180ELF](#) [50576-5200ELF](#) [50576-5260ELF](#) [50576-5264ELF](#) [50576-5300ELF](#) [50576-1076E](#) [50576-1104F](#) [50576-](#)
[1140E](#) [50576-1192F](#) [50576-1240E](#) [50576-1320E](#) [50576-5036E](#) [50576-5040H](#) [50576-5100E](#) [50576-5160E](#) [50576-](#)
[XX008](#) [50576-5320ELF](#) [50576-1036E](#) [50576-1024E](#) [50576-1152E](#)