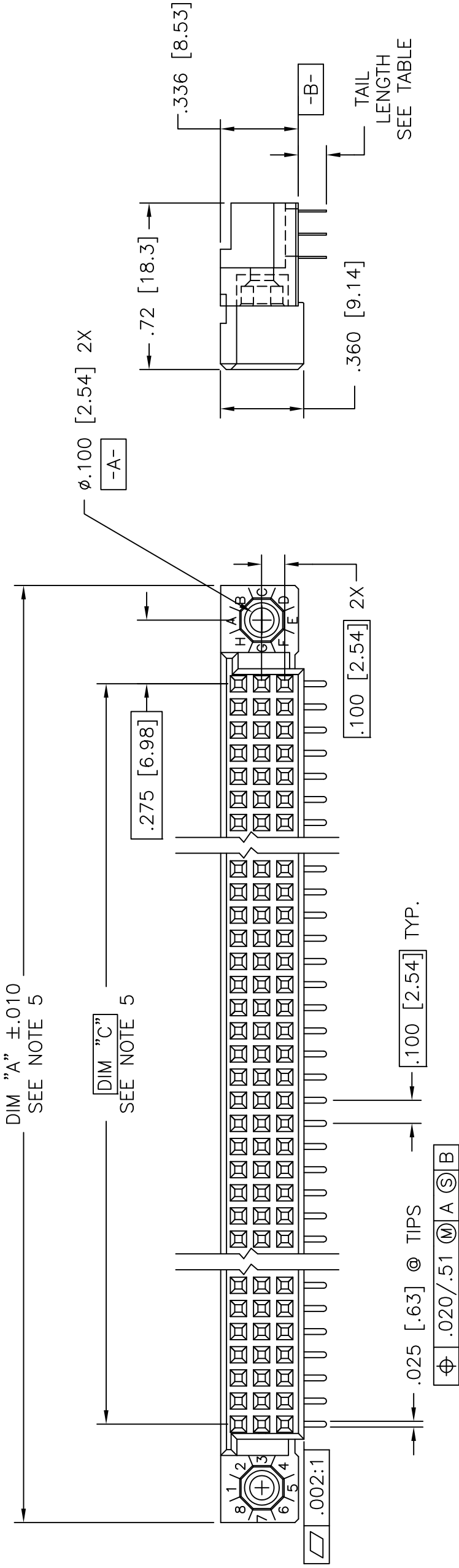
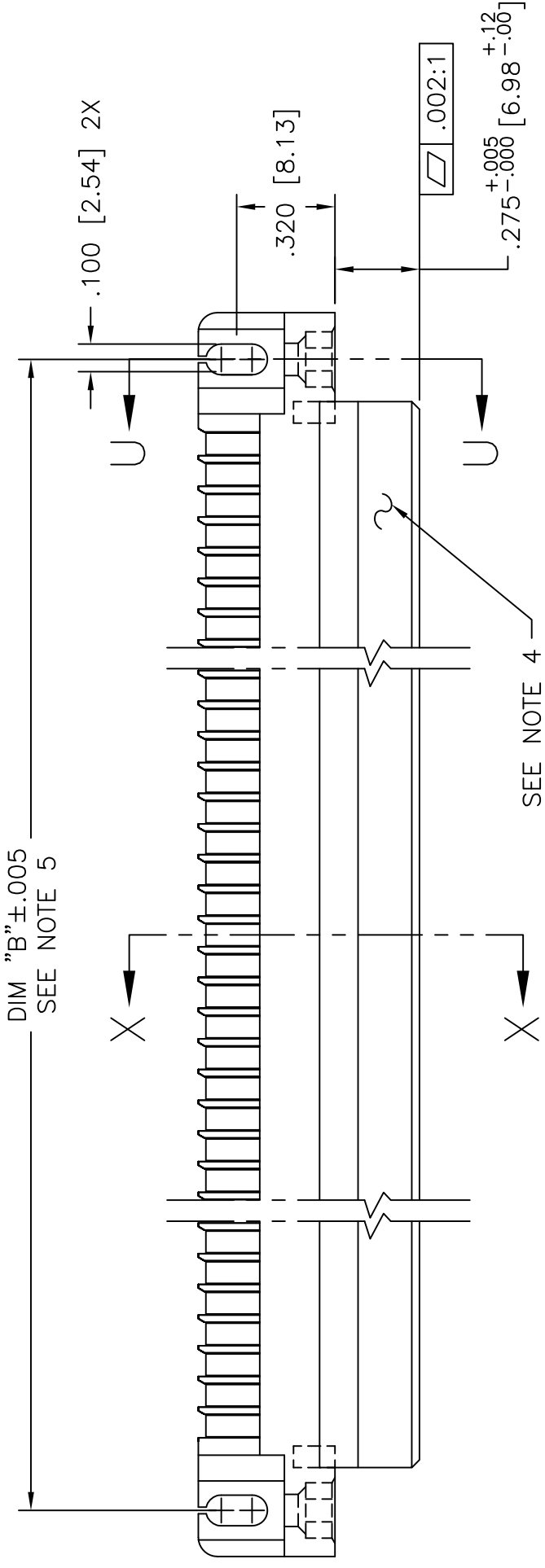


PRODUCT NUMBER
SEE NOTE 1

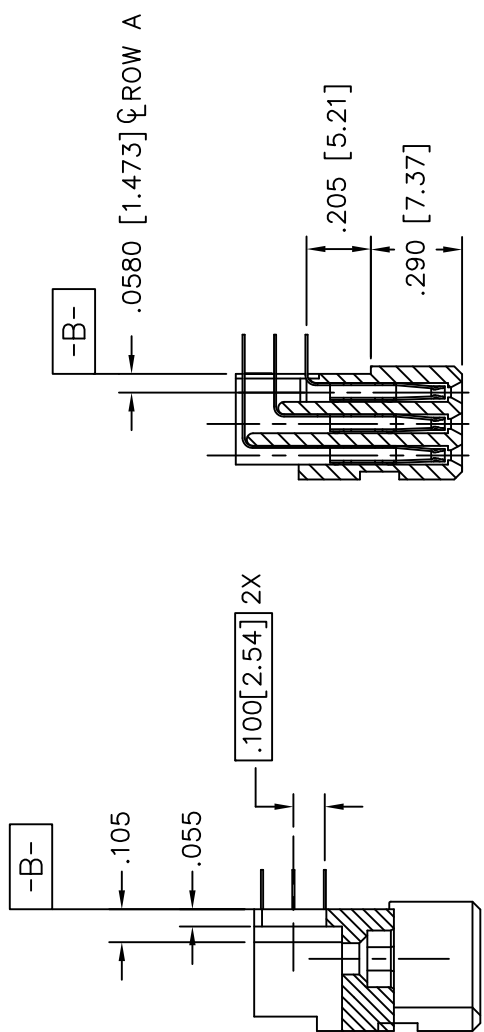


TAIL LENGTH
SEE TABLE

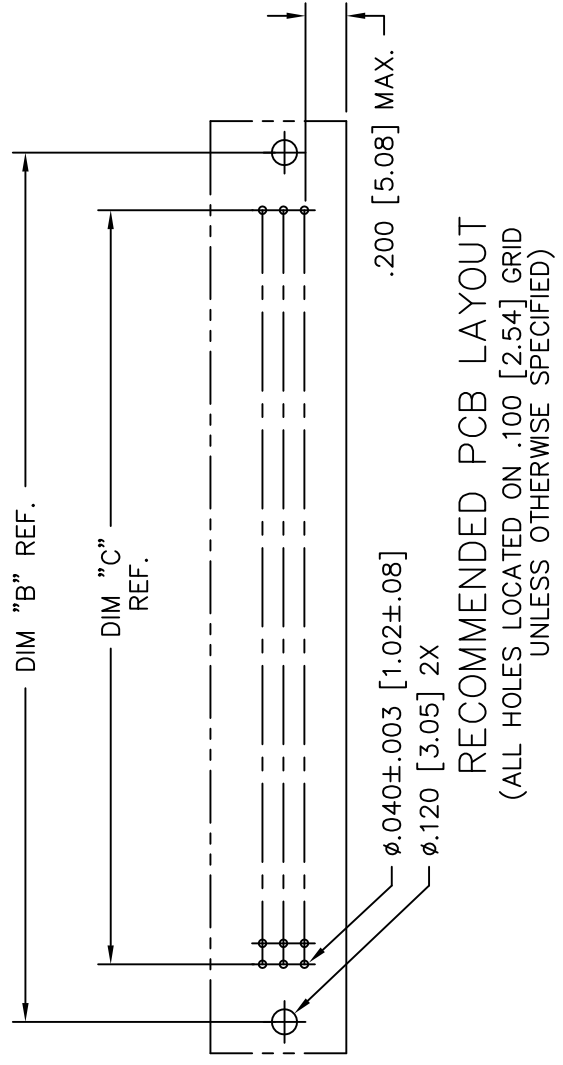
mat'l. code		NOTE 3	Surface	ISO 1302	tolerance	ISO 406	ISO 1101	projection	product family	HPC
lfr	ec'n no	dr	date	tolerances unless otherwise specified	angles	Linear	Linear	INCH/MM	title	3 ROW R/A RECEPTACLE
U	ELX-I-25169	MJA	10/19/16	.XX ±01/XX0.3	0°±2'			scale 1:1	dwg no	sheet 1 of 4 size
V	ELX-I-26924	MJA	05/06/17	.XXX ±0020/XX±0.05					50000	A3
P	M06-0255	AEA	7/06/06	dr	D. SHEAFFER	1/04/90			Amphenol	FCi
R	M07-0331	ACS	7/18/07	engr	S. CLARK	1/04/90			type	Product Customer Drawing
S	M07-0183	MHT	7/02/08	chr	M. JACOB	05/06/17				
T	M08-0280	ACS	30/09/08	appd	BIJU K PAUL	05/06/17				
sheet index	revision	V	U	U	T					
	Sheet	1	2	3	4					



PRODUCT NUMBER
SEE TABLE



SECTION U-U
SECTION X-X



RECOMMENDED PCB LAYOUT
(ALL HOLES LOCATED ON .100 [2.54] GRID UNLESS OTHERWISE SPECIFIED)

NOTES:

- ① PRODUCT NUMBERING CODE:
50000 - X YYY Z LF
 - LEAD FREE (OPTIONAL)
 - TAIL LENGTH (SEE TABLE)
 - NO. OF POSITIONS (SEE NOTE 2)
 - PLATING (SEE TABLE)
 - 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 THERMOPLASTIC. FLAME RETARDANT PER UL94V-O. COLOR:BLACK CONTACT MATERIAL: BeCu
- ④ COMPANY NAME, PART NUMBER AND LOT CODE TO APPEAR ON THIS SURFACE PER BUS-12-108.
- ⑤ LENGTH FORMULAS:
 DIM A = .100/2.54 X NO. OF COLUMNS + .75/19.1
 DIM B = .100/2.54 X NO. OF COLUMNS + .450/11.43
 DIM C = .100/2.54 X NO. OF COLUMNS - .100/2.54
- ⑥ PRODUCT WITH "LF" SUFFIX MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
7. THIS HOUSING WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 10-30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- ⑧ PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURE'S OPTION

PRODUCT NUMBERING CODE FOR SELECT LOAD PART NUMBERS:
50000 - XYYY LF

LEAD FREE (OPTIONAL)
SEQUENCE NUMBER ALWAYS 'XX'
BASE NUMBER

mat'l. code	ISO 1302	Surface	tolerance ISO 406 ISO 1101	projection	product family
lfr	ecn no	date	tolerances unless otherwise specified	title	HPC
U			linear angles σ±2'	INCH/MM	3 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN
			dr	scale 1:1	dwg no sheet 2 of 4 size
			engr	Amphenol FCI	50000
			chr		A3
			appd		Product Customer Drawing
sheet index	revision sheet				

PRODUCT NUMBER NOTE 1	NUMBER OF POSITIONS NOTE 2	TAIL LENGTH	SOLDER TAIL PLATING	CONTACT PLATING (NOTE 8)
50000-1YYYY	YYY	.125±.010/3.18±0.25	TIN-LEAD	30u"/0.76um Au
50000-1YYEFLF	YYY	.125±.010/3.18±0.25	TIN	30u"/0.76um Au
50000-1YYF	YYY	.145±.010/3.68±0.25	TIN-LEAD	30u"/0.76um Au
50000-1YYH	YYY	.180±.010/4.57±0.25	TIN-LEAD	30u"/0.76um Au
50000-1YYHLF	YYY	.180±.010/4.57±0.25	TIN	30u"/0.76um Au
50000-1YYZ	YYY	.220±.010/5.59±0.25	TIN-LEAD	30u"/0.76um Au
50000-3YYE	YYY	.125±.010/3.18±0.25	TIN-LEAD	50u"/1.27um Au
50000-3YYF	YYY	.145±.010/3.68±0.25	TIN-LEAD	50u"/1.27um Au
50000-3YYH	YYY	.180±.010/4.57±0.25	TIN-LEAD	50u"/1.27um Au
50000-3YYZ	YYY	.220±.010/5.59±0.25	TIN-LEAD	50u"/1.25um Au
50000-5YYE	YYY	.125±.010/3.18±0.25	TIN-LEAD	30u"/0.76um GXT
50000-5YYELF	YYY	.125±.010/3.18±0.25	TIN	30u"/0.76um GXT
50000-5YYF	YYY	.145±.010/3.68±0.25	TIN-LEAD	30u"/0.76um GXT
50000-5YYFLF	YYY	.145±.010/3.68±0.25	TIN	30u"/0.76um GXT
50000-5YYH	YYY	.180±.010/4.57±0.25	TIN-LEAD	30u"/0.76um GXT
50000-5YYHLF	YYY	.180±.010/4.57±0.25	TIN	30u"/0.76um GXT
50000-5YYZ	YYY	.220±.010/5.59±0.25	TIN-LEAD	30u"/0.76um GXT
50000-5YYZLF	YYY	.220±.010/5.59±0.25	TIN	30u"/0.76um GXT

mat'l. code	NOTE 3	surface	tolerance	projection	product family
lfr	ecn no	ISO 1302	ISO 406		HPC
U	dr	tolerances unless otherwise specified	ISO 1101	INCH/MM	title
	date	angles	.XX ±0.01/XX±0.3	scale 1:1	3 ROW R/A RECEPTACLE
		linear	.XX ±0.05/XX±0.13		SOLDER TAIL, 0 GUIDE PIN
		σ±2°	.XXX ±0.020/XX±0.05		dwg no sheet 3 of 4 size
		dr	D. SHEAFFER 1/04/90	Amphenol	50000
		engr	S. CLARK 1/04/90	FCi	A3
		chr	M. JACOB 10/19/16		type Product Customer Drawing
		appd	BIJU K PAUL 10/19/16		
sheet index	revision sheet				

PRODUCT NUMBER
SEE TABLE

50000-XX001 OR 50000-XX001LF ONLY

	55	50	45	40	36
<u>C</u>	C	C	C	C	C
<u>B</u>	B	B	B	B	B
<u>A</u>	A	A	A	A	A

35	30	25	20	15	10	5	1
C	C	C	C	C	C	C	C
A	A	A	A	A	A	A	A

NOTES FOR 50000-XX001 OR 50000-XX001LF ONLY:

1. ALL POSITIONS ARE LOADED AS SHOWN.
2. COLUMN 1, ROW A IS DESIGNATED AS SIGNAL TERM. 1, AS VIEWED FROM THE MATING FACE.
3. SIGNAL DATA FOR 50000-XX001 OR 50000-XX001LF
SIZE 3 X 55
TOTAL NUMBER OF POSITIONS: 165
TOTAL NUMBER OF POSITIONS LOADED: 107

ITEM KEY	QTY.	TAIL LENGTH
A	45	.180±.010/4.57±.25
B	17	.180±.010/4.57±.25
C	45	.180±.010/4.57±.25

mat'l. code		Surface	tolerance	projection	product family
NOTE 3		ISO 1302	ISO 406		HPC
lfr	ecn no	tolerances unless otherwise specified		title	
	dr	angles	.XX ±.01/XX±0.3	3 ROW R/A RECEPTACLE	
T	date	linear	.XX ±.005/XX±0.13	SOLDER TAIL, 0 GUIDE PIN	
		σ±2	.XXX ±.0020/XX±0.05	scale 1:1	
		dr	D. SHEAFFER	sheet 4 of 4 size	
		engr	S. CLARK	50000	A3
		chr	S. CLARK	Amphenol FCi	
		appd	S. CLARK	type	Product Customer Drawing
sheet index	revision sheet				