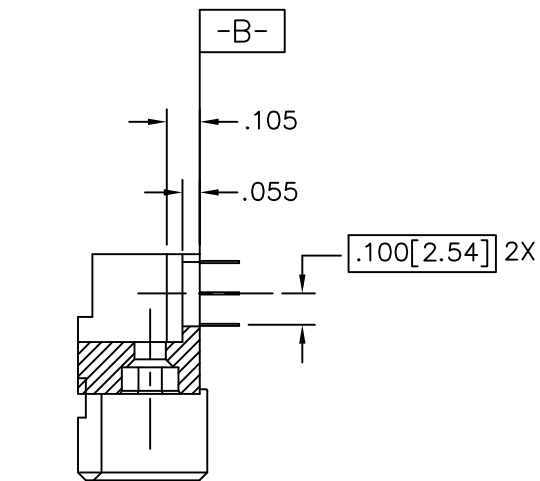
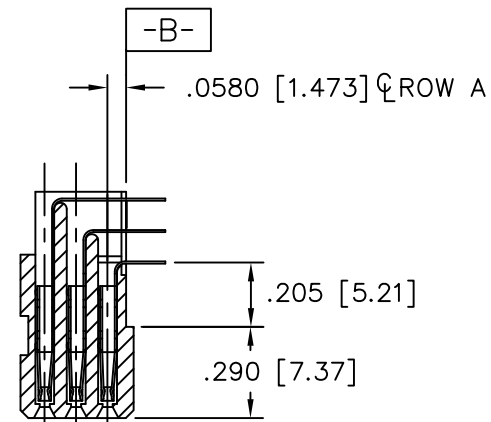


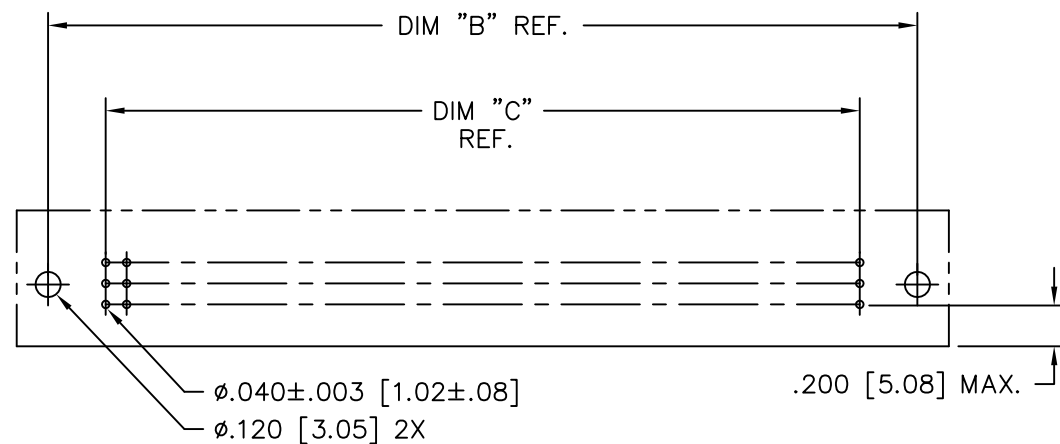
PRODUCT NUMBER
SEE TABLE



SECTION U-U



SECTION X-X



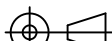
RECOMMENDED PCB LAYOUT
(ALL HOLES LOCATED ON .100 [2.54] GRID
UNLESS OTHERWISE SPECIFIED)

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

PRODUCT NUMBERING CODE FOR
SELECT LOAD PART NUMBERS:
50000 - 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 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

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										title 3 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN					
U							angles		linear		.XX ±.01/.X±0.3									INCH/MM 		
											.XXX ±.005/.XX±0.13											
							σ±2'				.XXXX ±.0020/.XXX±0.051						scale 1:1					
							dr	D. SHEAFFER		1/04/90		Amphenol FCi			dwg no		sheet 2 of 4				size	
							enr	S. CLARK		1/04/90					50000		A3					
							chr	M JACOB		05/06/17					type		Product Customer Drawing					
							appd	BIJU K PAUL		05/06/17												
sheet index		revision sheet																				

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PRODUCT NUMBER NOTE 1	NUMBER OF POSITIONS NOTE 2	TAIL LENGTH	SOLDER TAIL PLATING	CONTACT PLATING (NOTE 8)
50000-1YYYE	YYY	.125±.010/3.18±0.25	TIN-LEAD	30u"/0.76um Au
50000-1YYYELF	YYY	.125±.010/3.18±0.25	TIN	30u"/0.76um Au
50000-1YYYF	YYY	.145±.010/3.68±0.25	TIN-LEAD	30u"/0.76um Au
50000-1YYYH	YYY	.180±.010/4.57±0.25	TIN-LEAD	30u"/0.76um Au
50000-1YYYHLF	YYY	.180±.010/4.57±0.25	TIN	30u"/0.76um Au
50000-1YYYZ	YYY	.220±.010/5.59±0.25	TIN-LEAD	30u"/0.76um Au
50000-3YYYE	YYY	.125±.010/3.18±0.25	TIN-LEAD	50u"/1.27um Au
50000-3YYYF	YYY	.145±.010/3.68±0.25	TIN-LEAD	50u"/1.27um Au
50000-3YYYH	YYY	.180±.010/4.57±0.25	TIN-LEAD	50u"/1.27um Au
50000-3YYYZ	YYY	.220±.010/5.59±0.25	TIN-LEAD	50u"/1.25um Au
50000-5YYYE	YYY	.125±.010/3.18±0.25	TIN-LEAD	30u"/0.76um GXT
50000-5YYYELF	YYY	.125±.010/3.18±0.25	TIN	30u"/0.76um GXT
50000-5YYYF	YYY	.145±.010/3.68±0.25	TIN-LEAD	30u"/0.76um GXT
50000-5YYYFLF	YYY	.145±.010/3.68±0.25	TIN	30u"/0.76um GXT
50000-5YYYH	YYY	.180±.010/4.57±0.25	TIN-LEAD	30u"/0.76um GXT
50000-5YYYHLF	YYY	.180±.010/4.57±0.25	TIN	30u"/0.76um GXT
50000-5YYYZ	YYY	.220±.010/5.59±0.25	TIN-LEAD	30u"/0.76um GXT
50000-5YYYZLF	YYY	.220±.010/5.59±0.25	TIN	30u"/0.76um GXT

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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 3 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN				
U				angles	linear								
					σ±2°	.XXX ±.005/.XX±0.13 .XXXX ±.0020/.XXX±0.051							
					dr	D. SHEAFFER	1/04/90			dwg no		sheet 3 of 4	size
					enr	S. CLARK	1/04/90			50000		A3	
					chr	M JACOB	10/19/16			type Product Customer Drawing			
					appd	BIJU K PAUL	10/19/16						
sheet index		revision sheet											

form: A3

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PDS: Rev :V

STATUS:Released

Printed: May 08, 2017

PRODUCT NUMBER
SEE TABLE

50000-XX001 OR 50000-XX001LF ONLY

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

35				30					25					20					15					10					5					1
C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		<u>C</u>
																																		<u>B</u>
A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	<u>A</u>

- 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 NOTE 3				surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family HPC			
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title			
T					angles	linear	INCH/MM			
						.XX ±.01/.X±0.3	scale 1:1			
						.XXX ±.005/.XX±0.13				
					σ±2'	.XXX ±.0020/.XXX±0.051				
					dr	D. SHEAFFER 1/04/90				
					enr	S. CLARK 1/04/90				
					chr	S. CLARK 1/04/90				
					appd	S. CLARK 1/04/90	type Product Customer Drawing			
sheet index	revision sheet									