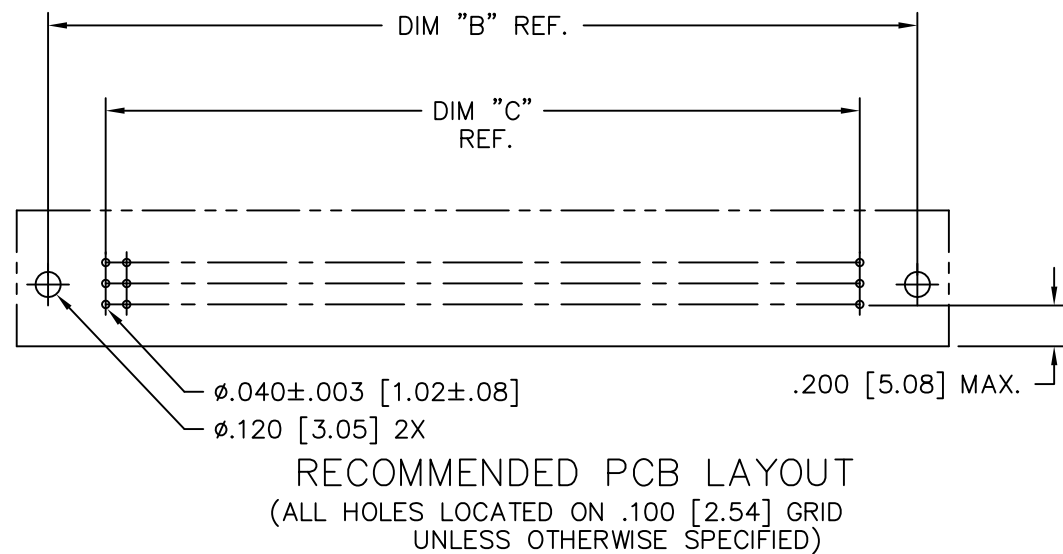
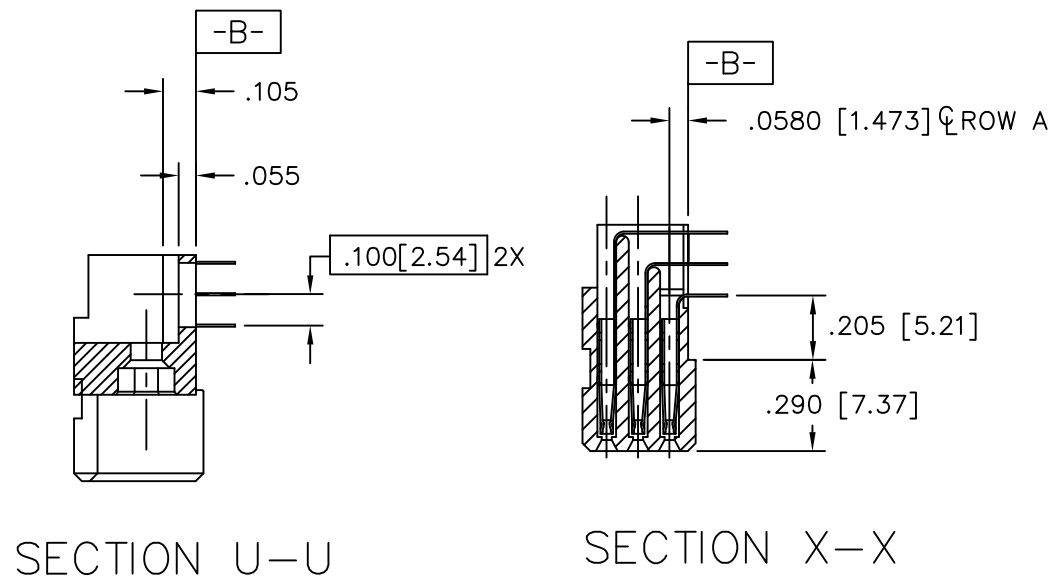


PRODUCT NUMBER
SEE TABLE



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 = $.100/2.54 \times \text{NO. OF COLUMNS} + .75/19.1$
DIM B = $.100/2.54 \times \text{NO. OF COLUMNS} + .450/11.43$
DIM C = $.100/2.54 \times \text{NO. OF COLUMNS} - .100/2.54$
- 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 INCH/MM	product family HPC			
ltr	ecn	no	dr	date	tolerances unless otherwise specified	Amphenol FCi	title 3 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN			
T					angles					
					linear					
					σ±2°					
					dr	D. SHEAFFER	1/04/90	dwg no		sheet 2 of 4
					enr	S. CLARK	1/04/90	50000		A3
					chr	S. CLARK	1/04/90			
					appd	S. CLARK	1/04/90			
sheet index	revision sheet							type		Product Customer Drawing

1

2

3

4

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PRODUCT NUMBER NOTE 1	NUMBER OF POSITIONS NOTE 2	TAIL LENGTH	SOLDER TAIL PLATING	CONTACT PLATING (NOTE 8)
50000-1YYYYE	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
50000-1YYYYF	YYY	.145±.010/3.68±0.25	TIN-LEAD	30u"/0.76um Au
50000-1YYYYH	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
50000-1YYYYZ	YYY	.220±.010/5.59±0.25	TIN-LEAD	30u"/0.76um Au
50000-3YYYYE	YYY	.125±.010/3.18±0.25	TIN-LEAD	50u"/1.27um Au
50000-3YYYYF	YYY	.145±.010/3.68±0.25	TIN-LEAD	50u"/1.27um Au
50000-3YYYYH	YYY	.180±.010/4.57±0.25	TIN-LEAD	50u"/1.27um Au
50000-3YYYYZ	YYY	.220±.010/5.59±0.25	TIN-LEAD	50u"/1.25um Au
50000-5YYYYE	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
50000-5YYYYF	YYY	.145±.010/3.68±0.25	TIN-LEAD	30u"/0.76um GXT
50000-5YYYYFLF	YYY	.145±.010/3.68±0.25	TIN	30u"/0.76um GXT
50000-5YYYYH	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
50000-5YYYYZ	YYY	.220±.010/5.59±0.25	TIN-LEAD	30u"/0.76um GXT
50000-5YYYYZLF	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

1

2

3

4

5

6

PDS: Rev :U

STATUS:Released

Printed: Oct 19, 2016

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		
<u>B</u>		B		B		B		B		B		B		B		B	
<u>A</u>	A		A		A		A		A		A		A		A		

35				30				25				20				15				10				5				1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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- 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																																											
T																angles				linear				.XX ±.01/.X±0.3																																			
																.XXX ±.005/.XX±0.13																																											
																σ±2"								.XXXX ±.0020/.XXX±0.051				scale 1:1																															
												dr				D. SHEAFFER				1/04/90								dwg no				sheet 4 of 4				size																							
												engr				S. CLARK				1/04/90								50000				A3																											
												chr				S. CLARK				1/04/90																																							
												appd				S. CLARK				1/04/90																																							
sheet index				revision sheet																																																							

Mouser Electronics

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[50000-5060E](#) [50000-5063E](#) [50000-5066E](#) [50000-5069E](#) [50000-5072F](#) [50000-5075E](#) [50000-5075H](#) [50000-5090E](#)
[50000-5099E](#) [50000-5108E](#) [50000-5111E](#) [50000-5120E](#) [50000-5150E](#) [50000-5150F](#) [50000-5150H](#) [50000-5180E](#)
[50000-5180F](#) [50000-5195E](#) [50000-5225E](#) [50000-1075F](#) [50000-1075H](#) [50000-1096F](#) [50000-1099H](#) [50000-1120H](#)
[50000-1180H](#) [50000-1195H](#) [50000-1225F](#) [50000-1225H](#) [50000-1240F](#) [50000-5063K](#) [50000-5075F](#) [50000-5075FLF](#)
[50000-5090H](#) [50000-5090HLF](#) [50000-5096F](#) [50000-5180H](#) [50000-5180HLF](#) [50000-1210E](#) [50000-1195E](#) [50000-1165E](#)