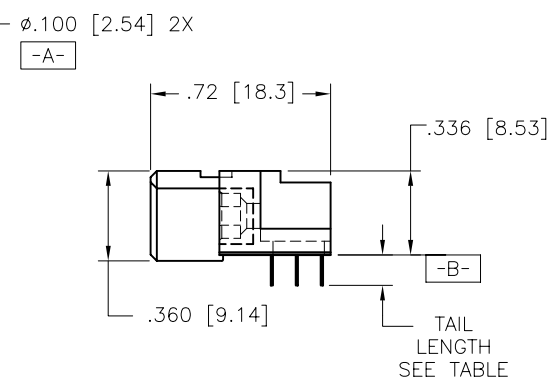
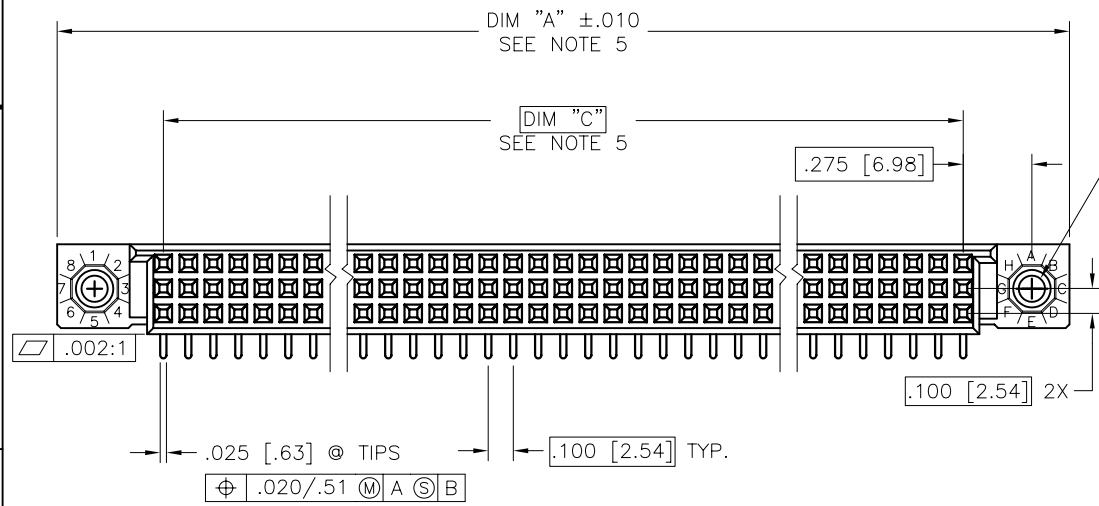
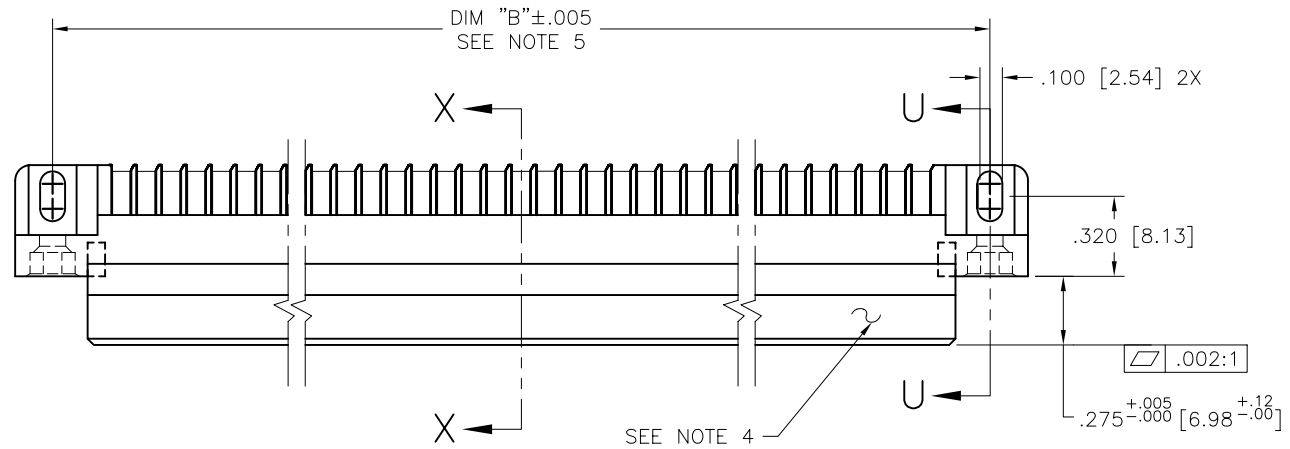


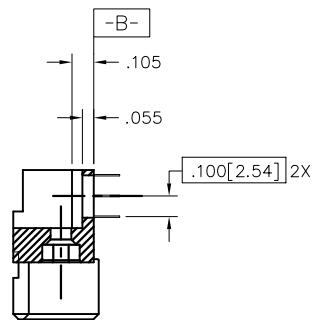
FCI
FCIconnect.com
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PRODUCT NUMBER
SEE NOTE 1

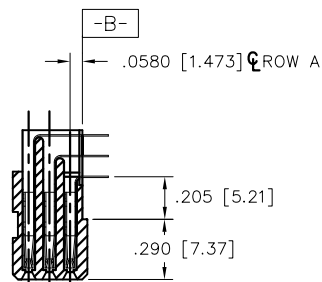


mat'l. code				surface		tolerance		projection		product family	
NOTE 3				ISO 1302		ISO 406		ISO 1101		HPC	
ltr	ecr no	dr	date	tolerances unless otherwise specified		XX ±.01/XX±0.3		INCH/MM		title	
K	v82250	HTB	12/23/98	angles	linear	XXX ±.005/XX±0.13		scale 1:1		3 ROW R/A RECEPTACLE	
L	v00253	JWS	1/12/00	σ±2°		XXXX ±.0020/XXX±0.05		FCI		SOLDER TAIL, 0 GUIDE PIN	
M	v03-0301	TAB	4/30/03							dwg no	
N	v05-0700	DAI	8/25/05	dr	D. SHEAFFER	1/04/90				sheet 1 of 4	
P	M06-0255	AEA	7/06/06	enr	S. CLARK	1/04/90				size	
R	M07-0331	AGS	7/18/07	chr	S. CLARK	1/04/90				A3	
S	M08-0183	MHT	7/02/08	appd	S. CLARK	1/04/90				type	
sheet	revision	S	S	S						Product Customer Drawing	
index	sheet	1	2	3							

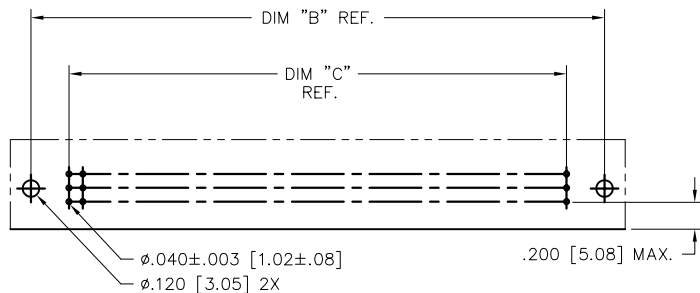
PRODUCT NUMBER
SEE TABLE



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 - XYYYY 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-0. 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.

mat'l. code NOTE 3				surface ISO 1302	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HPC
ltr	ecr no	dr	date	tolerances unless otherwise specified			title
S				angles	linear	INCH/MM	3 ROW R/A RECEPTACLE
						scale 1:1	SOLDER TAIL, 0 GUIDE PIN
				dr	D. SHEAFFER	1/04/90	dwg no
				engr	S. CLARK	1/04/90	sheet 2 of 4 size
				chr	S. CLARK	1/04/90	50000 A3
				appd	S. CLARK	1/04/90	type
sheet	revision						Product Customer Drawing
index	sheet						

PRODUCT NUMBER NOTE 1	NUMBER OF POSITIONS NOTE 2	TAIL LENGTH	SOLDER TAIL PLATING	CONTACT PLATING
50000-1YYYY	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
50000-1YYYYZ	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
50000-5YYYFLF	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
50000-5YYYZLF	YYY	.220±.010/5.59±0.25	TIN	30u"/0.76um GXT

mat'l. code NOTE 3				surface ISO 1302 <input checked="" type="checkbox"/>		tolerance ISO 406 ISO 1101		projection 		product family HPC						
ltr	ecr no	dr	date	tolerances unless otherwise specified						title						
S				angles	linear		.XX ±.01/XX±0.3		INCH/MM		3 ROW R/A RECEPTACLE					
							.XXX ±.005/XX±0.13				SOLDER TAIL, 0 GUIDE PIN					
				0°±2°			.XXX ±.0020/XXX±0.05		scale 1:1							
				dr	D. SHEAFFER		1/04/90				dwg no			sheet 3 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														

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	C	C	C	C	C	C	C	C
												B	B	B	B
A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A

NOTES FOR 50000-XX001 OR 50000-XX001LF ONLY:

- ALL POSITIONS ARE LOADED AS SHOWN.
- COLUMN 1, ROW A IS DESIGNATED AS SIGNAL TERM. 1, AS VIEWED FROM THE MATING FACE.
- 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 ISO 1101				HPC	
ltr	ecr no	dr	date	tolerances unless otherwise specified				INCH/MM		title	
S				angles	linear	.XX ±.01/XX±.03				3 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN	
						.XXX ±.005/XX±.13					
				0°±2°		.XXX ±.0020/XXX±.005					
				dr	D. SHEAFFER	1/04/90		scale 1:1		dwg no	
				engr	S. CLARK	1/04/90				sheet 4 of 4 size	
				chr	S. CLARK	1/04/90				A3	
				appd	S. CLARK	1/04/90				type Product Customer Drawing	
sheet index	revision	sheet									