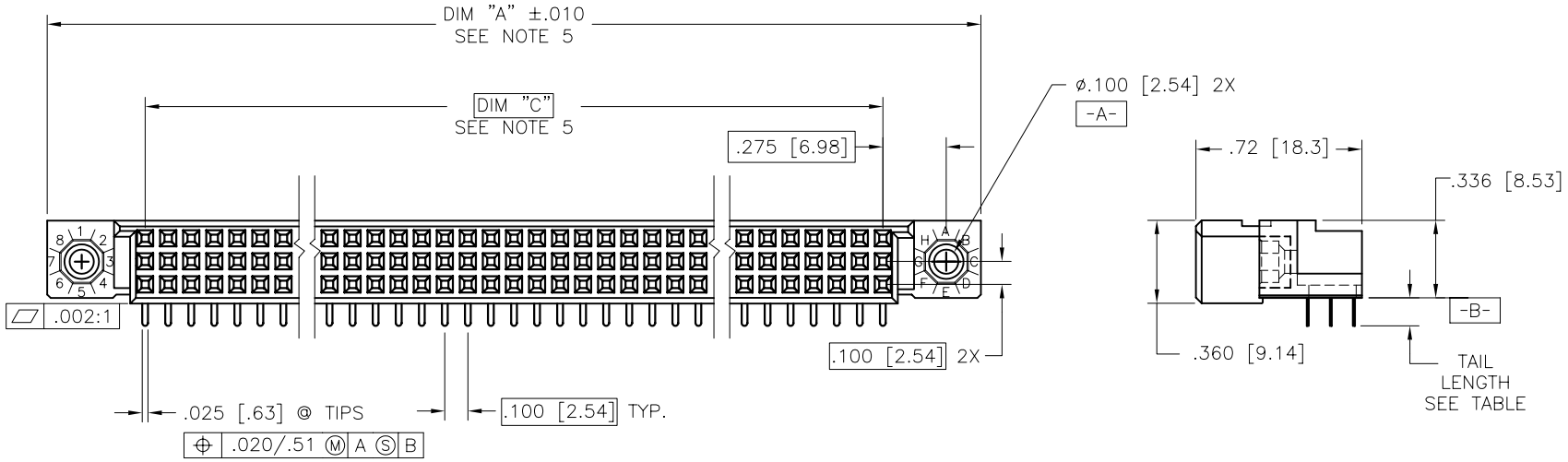
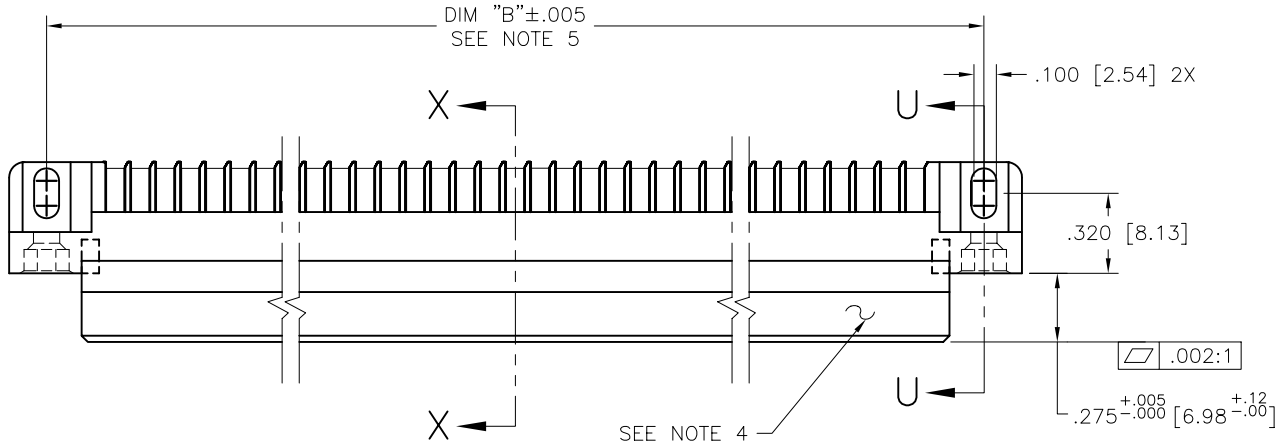


PRODUCT NUMBER
SEE NOTE 1



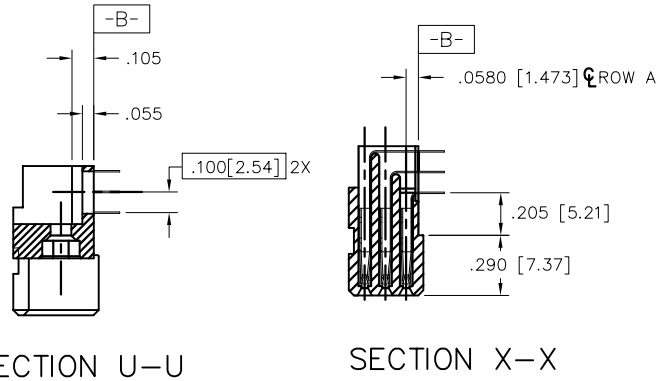
mat'l. code		surface		tolerance		projection		product family	
NOTE 3		ISO 1302		ISO 406 ISO 1101				HPC	
ltr	ecn no	dr	date	tolerances unless otherwise specified					
K	v82250	HTB	12/23/98	angles	linear	.XX ±.01/XX±0.3		title	
L	v00253	JWS	1/12/00			.XXX ±.005/XX±0.13		3 ROW R/A RECEPTACLE	
M	v03-0301	TAB	4/30/03	σ±2'		.XXX ±.0020/XXX±0.051		SOLDER TAIL, 0 GUIDE PIN	
N	v05-0700	DAI	8/25/05	dr	D. SHEAFFER	1/04/90		dwg no	
P	M06-0255	AEA	7/06/06	engr	S. CLARK	1/04/90		sheet 1 of 4 size	
R	M07-0331	AGS	7/18/07	chr	S. CLARK	1/04/90		50000 A3	
S	M08-0183	MHT	7/02/08	appd	S. CLARK	1/04/90		type Product Customer Drawing	
sheet	revision	S	S	S					
index	sheet	1	2	3					



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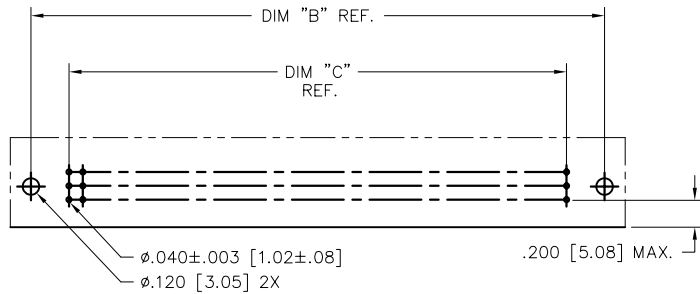
form: A3

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-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 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.

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					
S				angles	linear	.XX ±.01/XX±.03 .XXX ±.005/XX±.013 .XXXX ±.0020/XXX±.005		INCH/MM	
				σ±2'		scale 1:1		title	
				dr	D. SHEAFFER	1/04/90		3 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN	
				enr	S. CLARK	1/04/90		dwg no	
				chr	S. CLARK	1/04/90		50000	
				appd	S. CLARK	1/04/90		sheet 2 of 4 size	
sheet		revision		type Product Customer Drawing					
index		sheet		A3					

PRODUCT NUMBER NOTE 1	NUMBER OF POSITIONS NOTE 2	TAIL LENGTH	SOLDER TAIL PLATING	CONTACT PLATING
50000-1YYYYE	YYY	.125±.010/3.18±0.25	TIN-LEAD	30u"/0.76um Au
50000-1YYYYELF	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
50000-5YYYYELF	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
50000-5YYYYHLF	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	title
S				linear .XX ±.01/XX±0.3 .XXX ±.005/XX±0.13 .XXXX ±.0020/XXX±0.05	3 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN
				angles σ±2°	INCH/MM scale 1:1
		dr	D. SHEAFFER	1/04/90	dwg no 50000
		engr	S. CLARK	1/04/90	sheet 3 of 4 size A3
		chr	S. CLARK	1/04/90	type Product Customer Drawing
		appd	S. CLARK	1/04/90	
sheet index	revision	sheet			



form A3

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

	35		30		25		20		15		10		5		1
<u>C</u>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
<u>B</u>													B	B	B
<u>A</u>	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	
				σ±2'		.XXX ±.005/XX±.013		SOLDER TAIL, 0 GUIDE PIN	
						.XXX ±.0020/XXX±.005		scale 1:1	
		dr	D. SHEAFFER	1/04/90				dwg no	
		enr	S. CLARK	1/04/90		50000		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							

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