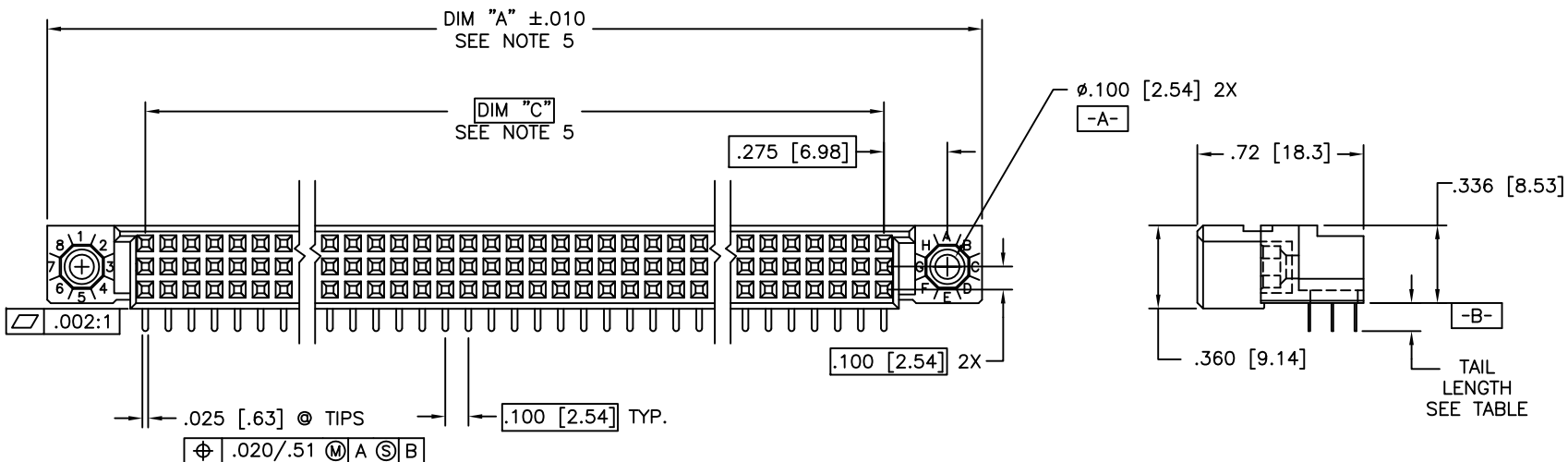
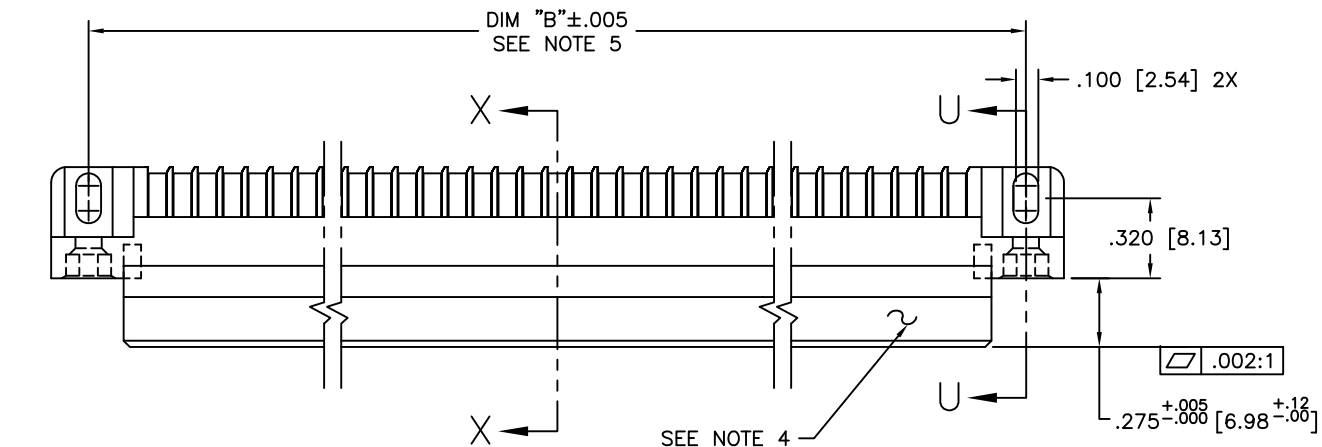


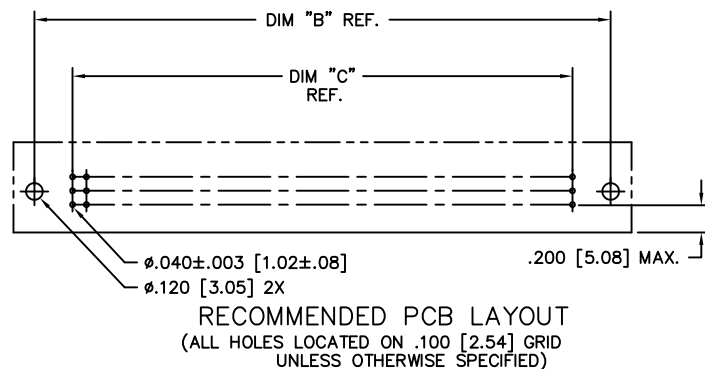
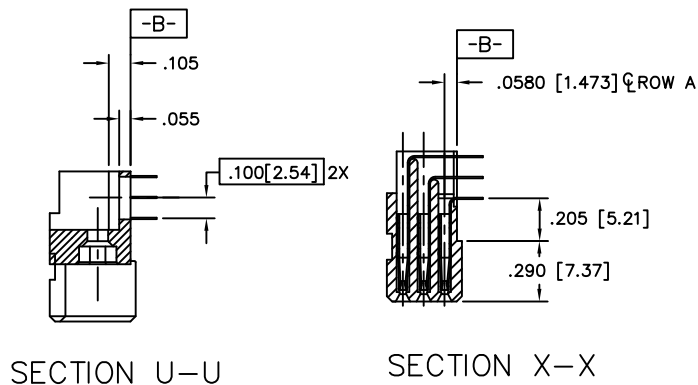
PRODUCT NUMBER

SEE NOTE 1



mat'l. code				surface	tolerance	projection	product family
NOTE 3				ISO 1802	ISO 406 ISO 1101	INCH/MM	HPC
ltr	ecr no	dr	date	tolerances unless otherwise specified		scale	title
L	v00253	JWS	1/12/00	angles	linear	1:1	3 ROW R/A RECEPTACLE
M	v03-0301	TAB	4/30/03	linear	linear	1:1	SOLDER TAIL, 0 GUIDE PIN
N	v05-0700	DAU	8/25/05	σ±2	linear	1:1	
P	M06-0255	AEA	7/06/06	dr	D. SHEAFFER	1/04/90	dwg no
R	M07-0331	AGS	7/18/07	engr	S. CLARK	1/04/90	sheet 1 of 4
S	M07-0183	MHT	7/22/08	chr	S. CLARK	1/04/90	size
T	M08-0280	AGS	30/09/08	appd	S. CLARK	1/04/90	A3
sheet	revision	T	T	T	T		type
index	sheet	1	2	3	4		Product Customer Drawing

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 - 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.
- ⑧ PLATING OPTION:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

mat'l. code NOTE 3				surface ISO 1802	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HPC
ltr	ecm no	dr	date	tolerances unless otherwise specified		INCH/MM scale 1:1	title 3 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN
T				angles	linear		dwg no 50000
				dr	D. SHEAFFER 1/04/90	FCI	sheet 2 of 4 size A3
				engr	S. CLARK 1/04/90		type Product Customer Drawing
				chr	S. CLARK 1/04/90		
				appd	S. CLARK 1/04/90		
sheet index	revision sheet						

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
50000-1YYYYZ	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 1802 ☒		tolerance ISO 406 ISO 1101		projection 		product family HPC			
ltr	ecr no	dr	date	tolerances unless otherwise specified						title			
T				angles	linear	.XX ±.01/.XX±0.3		INCH/MM		3 ROW R/A RECEPTACLE			
				0°±2°		.XXX ±.005/.XXX±0.13		scale 1:1		SOLDER TAIL, 0 GUIDE PIN			
				dr	D. SHEAFFER	1/04/90				dwg no		sheet 3 of 4	size
				enr	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
C	C		C		C		C		C		C		C		C	
B		B		B		B		B		B		B		B		B
A	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 1802	tolerance ISO 406 ISO 1101	projection 	product family HPC
ltr	ecr no	dr	date	tolerances unless otherwise specified			title
T				angles	linear	INCH/MM	3 ROW R/A RECEPTACLE
				0°±2°	.XX ±.01/.XX±0.3 .XXX ±.005/.XXX±0.13 .XXX ±.0020/.XXX±0.051	scale 1:1	SOLDER TAIL, 0 GUIDE PIN
				dr	D. SHEAFFER	1/04/90	dwg no
				engr	S. CLARK	1/04/90	sheet 4 of 4
				chr	S. CLARK	1/04/90	size
				appd	S. CLARK	1/04/90	A3
sheet index	revision sheet						type
							Product Customer Drawing

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI:

[50000-1120E](#) [50000-1165H](#) [50000-1240H](#) [50000-5033ELF](#) [50000-5042ELF](#) [50000-5060ELF](#) [50000-5063ELF](#)
[50000-5066ELF](#) [50000-5072FLF](#) [50000-5075HLF](#) [50000-5099ELF](#) [50000-5108ELF](#) [50000-5111ELF](#) [50000-5120ELF](#)
[50000-5150FLF](#) [50000-5180FLF](#) [50000-5018ELF](#) [50000-5039E](#) [50000-5039ELF](#) [50000-5054ELF](#) [50000-5096FLF](#)
[50000-1018E](#) [50000-1030E](#) [50000-1048E](#) [50000-1048H](#) [50000-1051E](#) [50000-1054E](#) [50000-1054H](#) [50000-1057E](#)
[50000-1060E](#) [50000-1060H](#) [50000-1069E](#) [50000-1069F](#) [50000-1072E](#) [50000-1075E](#) [50000-1090E](#) [50000-1096H](#)
[50000-1105E](#) [50000-1111E](#) [50000-1129E](#) [50000-1135E](#) [50000-1135H](#) [50000-1147E](#) [50000-1150E](#) [50000-1153F](#)
[50000-1180E](#) [50000-1192F](#) [50000-1240E](#) [50000-1252H](#) [50000-1291F](#) [50000-5030E](#) [50000-5033E](#) [50000-5042E](#)
[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](#)