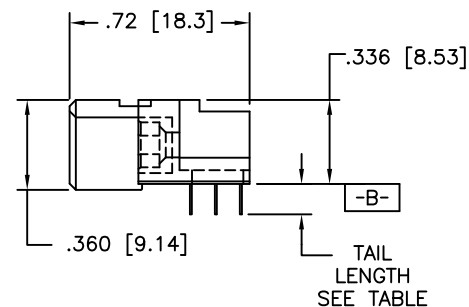
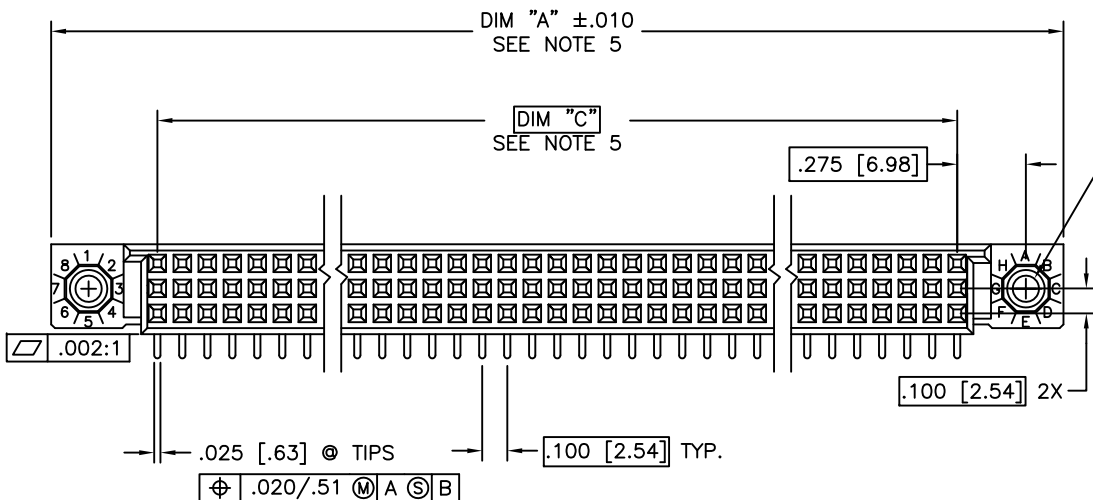
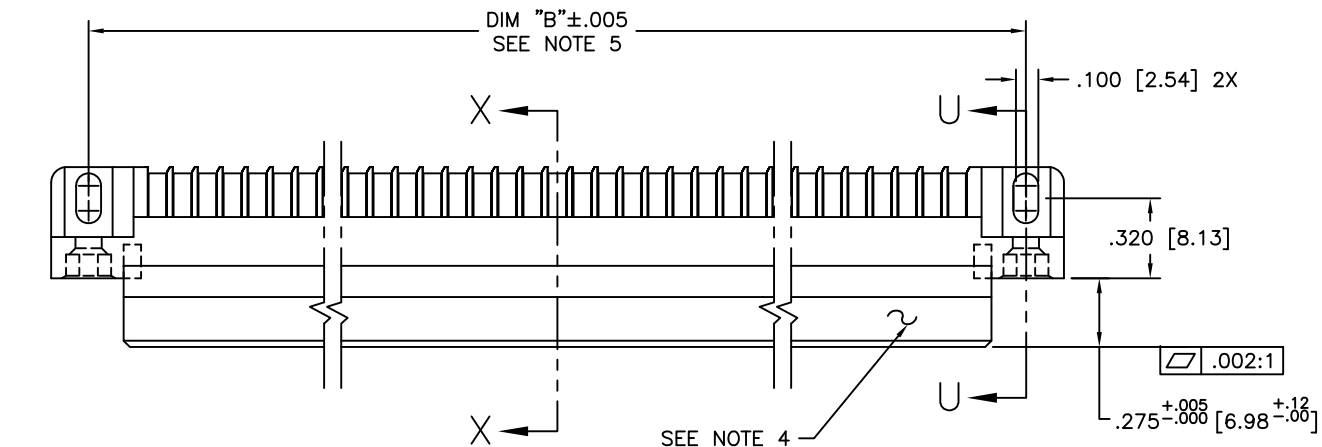


PRODUCT NUMBER

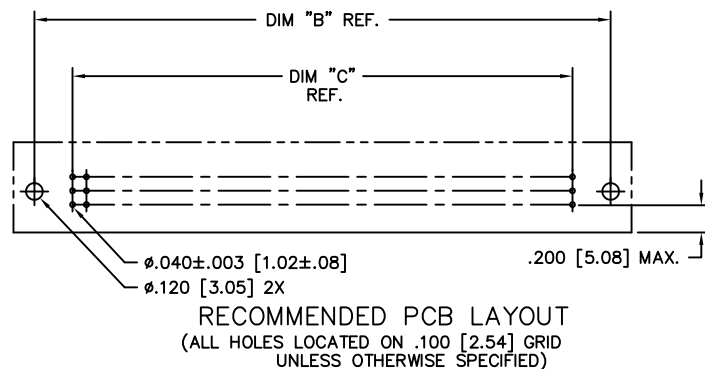
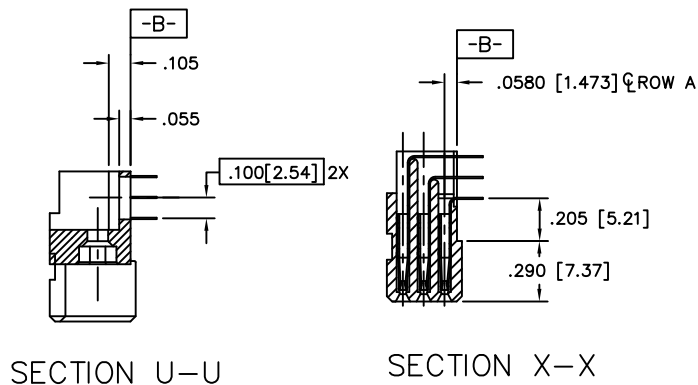
SEE NOTE 1



TAIL
LENGTH
SEE TABLE

mat'l. code				surface	tolerance	projection	product family
NOTE 3				ISO 1802	ISO 406 ISO 1101		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
L	v00253	JWS	1/12/00	angles	linear		
M	v03-0301	TAB	4/30/03				
N	v05-0700	DAU	8/25/05	σ±2			
P	M06-0255	AEA	7/06/06	dr	D. SHEAFFER	1/04/90	
R	M07-0331	AGS	7/18/07	engr	S. CLARK	1/04/90	dwg no 50000
S	M07-0183	MHT	7/22/08	chr	S. CLARK	1/04/90	
T	M08-0280	AGS	30/09/08	appd	S. CLARK	1/04/90	
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 1902	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HPC
ltr	ecr no	dr	date	tolerances unless otherwise specified		INCH/MM	title
T				angles	linear		3 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN
				$\sigma \pm 2^\circ$	$.XX \pm .01/XX \pm .03$ $.XXX \pm .005/XXX \pm .013$ $.XXXX \pm .0020/XXXX \pm .005$	scale 1:1	dwg no
				dr	D. SHEAFFER 1/04/90	FCI	sheet 2 of 4 size
				engr	S. CLARK 1/04/90		A3
				chr	S. CLARK 1/04/90		
				appd	S. CLARK 1/04/90		type
sheet index	revision sheet						Product Customer Drawing

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	ecn 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
				engr	S. CLARK	1/04/90				50000		A3	
				chr	S. CLARK	1/04/90							
				appd	S. CLARK	1/04/90							
sheet index	revision sheet												

SEE TABLE

[illegible][illegible]

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				surface ISO 1902 ✓		tolerance ISO 406 ISO 1101		projection 		product family HPC	
NOTE 3										title	
lfr	ecn no	dr	date	tolerances unless otherwise specified							
T				angles	linear	XX ±.01/XX±.3		INCH/MM		3 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN	
						XXX ±.005/XXX±.013					
				0°±2'		XXXX ±.0020/XXXX±.0051					
				dr	D. SHEAFFER	1/04/90				dwg no	
				engr	S. CLARK	1/04/90				sheet 4 of 4 size	
				chr	S. CLARK	1/04/90				50000 A3	
				appd	S. CLARK	1/04/90				type Product Customer Drawing	
sheet index	revision sheet										