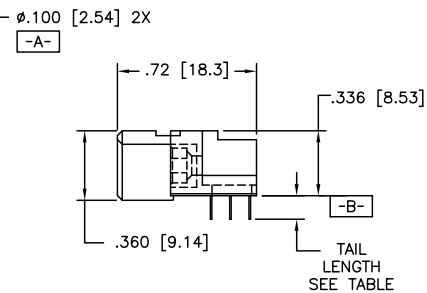
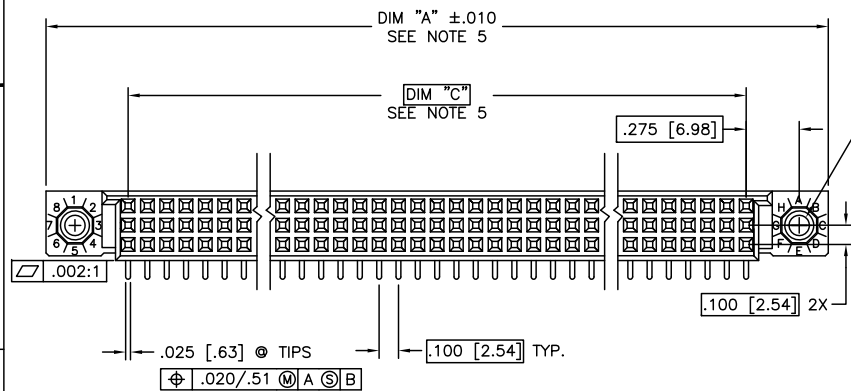
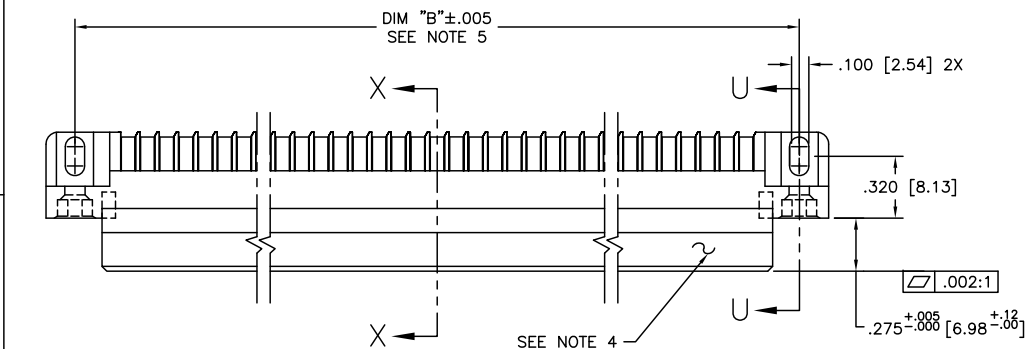
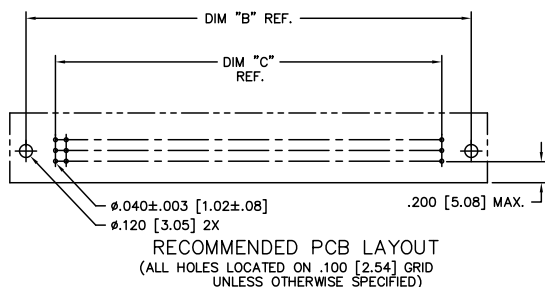
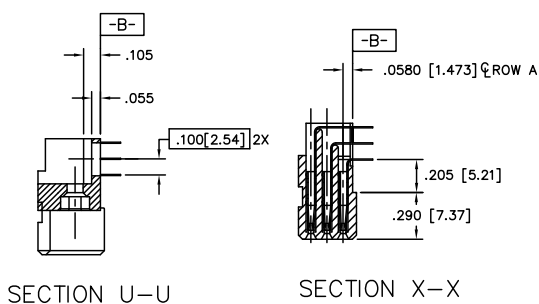


PRODUCT NUMBER  
SEE NOTE 1



mat'l code				surface	ISO 1902	tolerance	ISO 406	projection	product family
NOTE 3									HPC
ltr	ec'n no	dr	date	tolerances unless otherwise specified					
L	V00253	JWS	1/12/00	angles	linear	XX ±.01/XX.03	XX ±.005/XX.013	INCH/MM	title
M	V03-0301	TAB	4/30/03			XXX ±.005/XX.013	XXX ±.002/XX.005	scale 1:1	3 ROW R/A RECEPTACLE
N	V05-0700	DAU	8/25/05	σ±z		XXX ±.002/XX.005			SOLDER TAIL, 0 GUIDE PIN
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			50000
S	M07-0183	MHT	7/22/08	chr	S. CLARK	1/04/90			sheet 1 of 4 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 - XXXXX 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				surface	tolerance	projection	product family
NOTE 3				ISO 1902	ISO 406 ISO 1101		HPC
ltr	ecr no	dr	date	tolerances unless otherwise specified		INCH/MM scale 1:1 FCI	title
T				angles	linear		3 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN
					XX ±.01/XX.03		dwg no
				dr	XXX ±.005/XXX.013		50000
				engr	XXX ±.002/XXX.005		sheet 2 of 4 size A3
				chr			
				appd			
sheet index	revision	sheet					type Product Customer Drawing

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PRODUCT NUMBER NOTE 1	NUMBER OF POSITIONS NOTE 2	TAIL LENGTH	SOLDER TAIL PLATING	CONTACT PLATING (NOTE 8)
50000-1YYYE	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
50000-1YYYF	YYY	.145±.010/3.68±0.25	TIN-LEAD	30u"/0.76um Au
50000-1YYYH	YYY	.180±.010/4.57±0.25	TIN-LEAD	30u"/0.76um Au
50000-1YYYZ	YYY	.220±.010/5.59±0.25	TIN-LEAD	30u"/0.76um Au
50000-3YYYE	YYY	.125±.010/3.18±0.25	TIN-LEAD	50u"/1.27um Au
50000-3YYYF	YYY	.145±.010/3.68±0.25	TIN-LEAD	50u"/1.27um Au
50000-3YYYH	YYY	.180±.010/4.57±0.25	TIN-LEAD	50u"/1.27um Au
50000-3YYYZ	YYY	.220±.010/5.59±0.25	TIN-LEAD	50u"/1.25um Au
50000-5YYYE	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
50000-5YYYF	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
50000-5YYYH	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
50000-5YYYZ	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				surface ISO 1902		tolerance ISO 406 ISO 1101		projection 		product family HPC	
NOTE 3				tolerances unless otherwise specified				INCH/MM		title 3 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN	
thr	ecr	no	dr	date	angles	linear	XX ±.01/XX.03	scale 1:1		dwg no 50000	
T					σ±Z	XXX ±.005/XX.013	XXX ±.002/XXX.005	FCI		sheet 3 of 4 size A3	
				dr	D. SHEAFFER	1/04/90			type Product Customer Drawing		
				engr	S. CLARK	1/04/90					
				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	C
B	B	B	B	B	B	B	B	B	B
A	A	A	A	A	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
												B	B	B
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	NOTE 3	surface ISO 1902	tolerance ISO 406 ISO 1101	projection	product family
thr	ecr no	dr	date	INCH/MM	HPC
T				scale 1:1	title
					3 ROW R/A RECEPTACLE SOLDER TAIL, 0 GUIDE PIN
					dwg no
					50000
					sheet 4 of 4 size A3
					type Product Customer Drawing

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