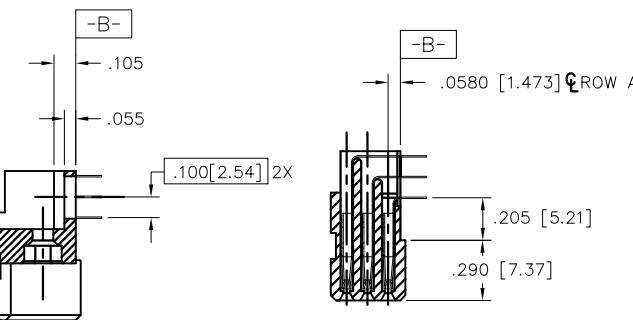
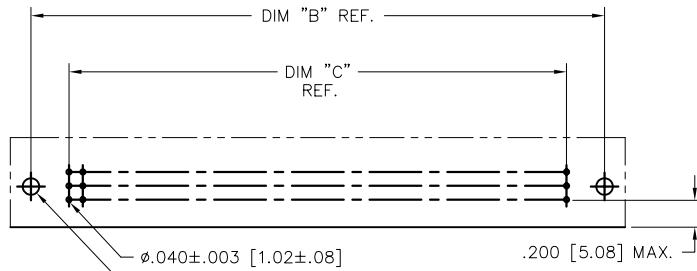


PRODUCT NUMBER
SEE TABLE



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 - XXYY 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.

matl. code				surface		tolerance ISO 1302 ✓ ISO 406 ISO 1101	projection	product family HPC
NOTE 3				ISO 1302	tolerances unless otherwise specified			
ltr	ecn no	dr	date	angles	linear			
S					XX ±.01/X±0.3		INCH/MM	
					XXX ±.005/XXX±0.13			
					XXXX ±.0020/XXXX±0.05		scale 1:1	
		dr	D. SHEAFFER 1/04/90					
		engr	S. CLARK 1/04/90					
		chr	S. CLARK 1/04/90					
		appd	S. CLARK 1/04/90					
sheet		revision						
index		sheet						

1		2 3			4			5		6	
PRODUCT NUMBER NOTE 1	NUMBER OF POSITIONS NOTE 2	TAIL LENGTH	SOLDER TAIL PLATING	CONTACT PLATING							
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							
50000-5YYYLF	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 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				angles	linear	XX ±.01/X±0.3	XXX ±.005/XXX±0.13	INCH/MM		3 ROW R/A RECEPTACLE	
						XXX ±.0020/XXX±0.05		scale 1:1		SOLDER TAIL, 0 GUIDE PIN	
				dr	D. SHEAFFER	1/04/90				dwg no 50000 A3	
				engr	S. CLARK	1/04/90				sheet 3 of 4 size	
				chr	S. CLARK	1/04/90				type Product Customer Drawing	
				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
B	B	B	B	B	B
A	A	A	A	A	A

35	30	25	20	15	10	5	1	
C	C	C	C	C	C	C	C	C
A	A	A	A	A	A	A	A	A

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				surface		tolerance	projection	product family
NOTE 3				ISO 1302		ISO 406	ISO 1101	
ltr	ecn no	dr	date	tolerances unless otherwise specified				
S				angles	linear	XX ±.01/X±0.3	INCH/MM	
						XXX ±.005/XXX±0.13		
						XXXX ±.0020/XXXX±0.05		
				dr	D. SHEAFFER	1/04/90		
				engr	S. CLARK	1/04/90		
				chr	S. CLARK	1/04/90		
				appd	S. CLARK	1/04/90		
				sheet	revision			
				index	sheet			