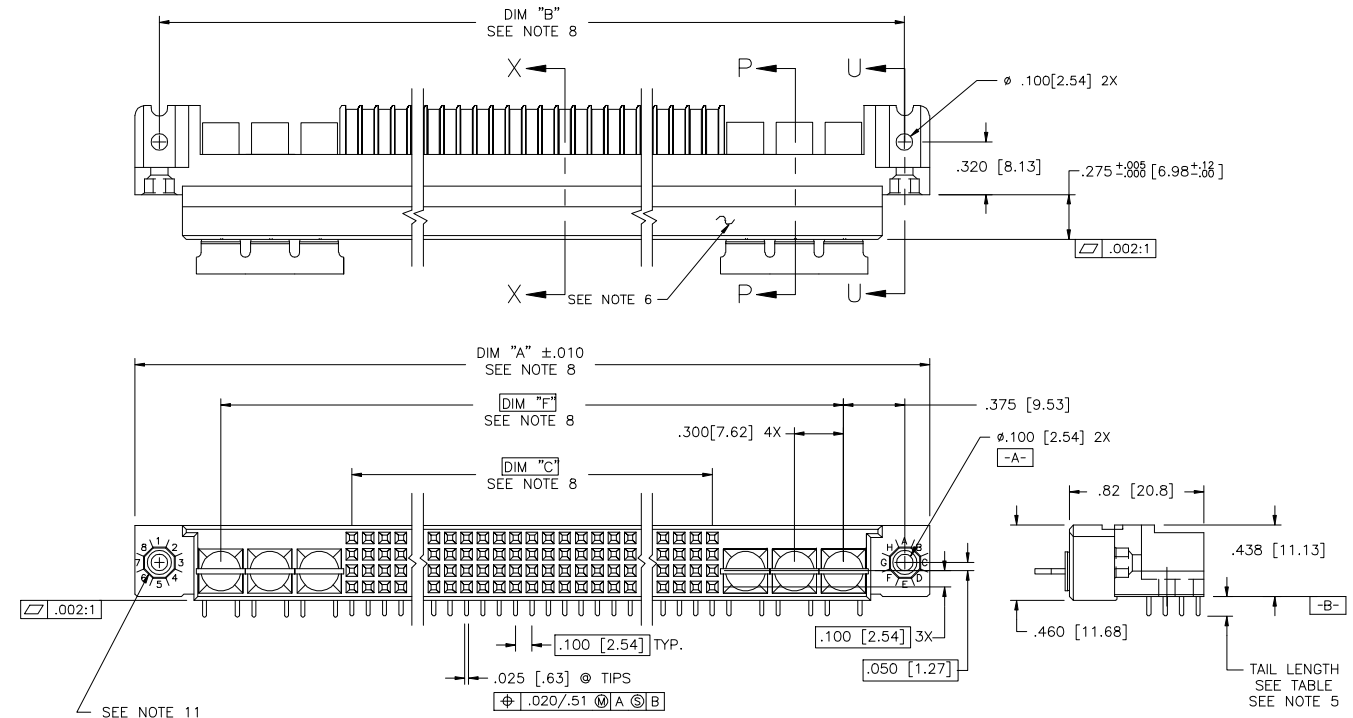


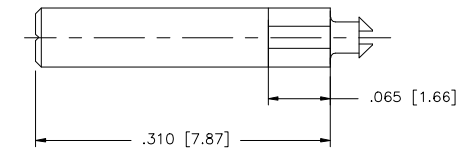


Copyright FCI

PRODUCT NUMBER
SEE NOTE 1



SEE NOTE 11
LOCATION OF OPTIONAL
ORIENTATION KEY
WHEN USED
2X



OPTIONAL ORIENTATION KEY
SEE NOTE 11

mat'l. code NOTE 3				surface ISO 1302	tolerance ISO 406 ISO 1101	projection ISO 1001	product family HPC
ltr	ec'n no	dr	date	tolerances unless otherwise specified		INCH/MM	title
B	v30297	JM	2/9/93	angles	linear		4 ROW R/A RECEPTACLE
C	v40243	PDP	1/13/94			scale 1:1	SOLDER TAIL, 0 G.P., 6 P.P.
D	v90135	DLW	4/5/99				dwg no
E	v00256	LSS	1/13/00	dr	D. SHEAFFER	9/15/92	sheet 1 of 3 size
F	v05-0737	DAI	9/21/05	engr	S. CLARK	9/15/92	A3
G	m08-0280	AGS	9/30/08	chr	S. CLARK	9/15/92	type
				appd	S. CLARK	9/15/92	Product Customer Drawing
sheet	revision	G	G	G			
index	sheet	1	2	3			

PRODUCT NUMBER
SEE NOTE 1

NOTES:

1. PRODUCT NUMBERING CODE:
50565 - X YYY Z LF
LEAD FREE (OPTIONAL)
TAIL LENGTH SEE TABLE, SEE NOTE 5
NO. OF POSITIONS SEE NOTE 2
PLATING SEE NOTE 4
BASE NUMBER

- PRODUCT NUMBERING CODE FOR
SELECT LOAD PART NUMBERS:
50565 - 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
HI-TEMP THERMOPLASTIC, FLAME RETARDANT
PER UL94V-0 COLOR: BLANK
CONTACT MATERIAL: BeCu

4. PLATING:
SEE TABLE FOR CONTACT AREA AND SOLDER TAIL PLATING
OF SIGNAL LINES.
POWER CONTACTS ARE PLATED WITH $30\mu"/.76\mu$ MIN Au OR GXT,
OR $50\mu"/1.27\mu$ MIN Ni IN CONTACT AREA AND HAVE THE
SAME TAIL PLATING AS THE SIGNAL CONTACTS FOR
CORRESPONDING PRODUCT NUMBER.

5. TAIL LENGTHS: ALL POWER TAILS ARE 1.45/3.68
SEE TABLE FOR SIGNAL TAIL LENGTHS

6. MANUFACTURERS NAME, PART NUMBER AND LOT CODE
TO APPEAR ON THIS SURFACE PER BUS-12-108.

7. POWER SOCKET LOCATOR (P/N 50233) TO BE REMOVED
AFTER SOLDERING OPERATION.

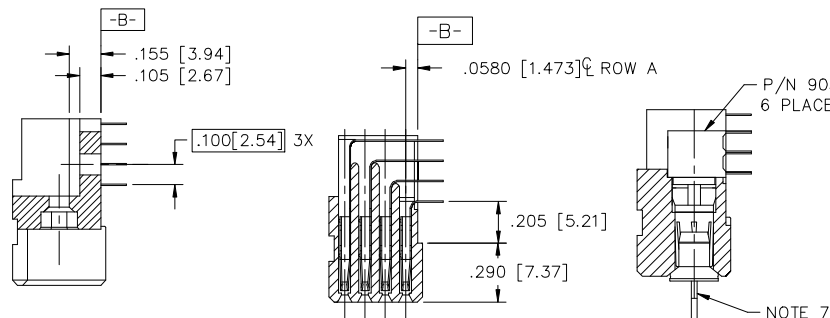
8. LENGTH FORMULAS:
DIM A = $100/2.54 \times \text{NO. OF COLUMNS} + 2.55/64.8$
DIM B = $100/2.54 \times \text{NO. OF COLUMNS} + 2.250/57.15$
DIM C = $100/2.54 \times \text{NO. OF COLUMNS} - .100/2.54$
DIM F = $100/2.54 \times \text{NO. OF COLUMNS} + 1.500/38.10$

9. THE PRODUCTS (WITH "LF" SUFFIX) MEET EUROPEAN UNION DIRECTIVES
AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

10. THIS HOUSING WILL WITHSTAND EXPOSURE TO 260° C PEAK
TEMPERATURE FOR 10-30 SECONDS IN A CONVECTION, INFRA-RED,
VAPOR PHASE REFLOW OVEN.

11. WHERE APPLICABLE, THE OPTIONAL ORIENTATION KEYS ARE BAGGED
SEPARATELY AND INCLUDED IN THE SAME BOX WITH THE
CONNECTORS.

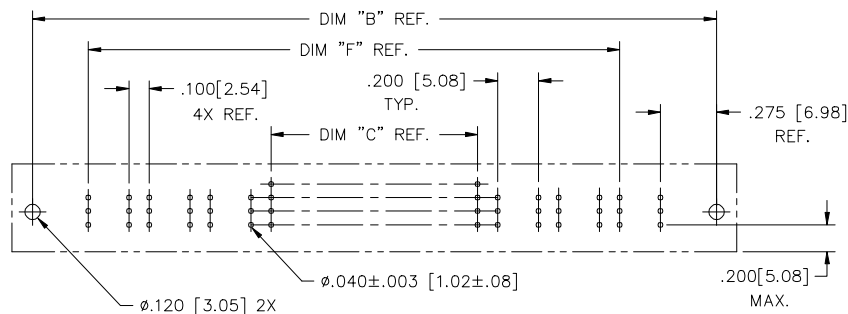
12. PLATING OPTION:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.



SECTION U-U

SECTION X-X

SECTION P-P



RECOMMENDED PCB LAYOUT
(ALL HOLES LOCATED ON .100 [2.54] GRID
UNLESS OTHERWISE SPECIFIED)

mat'l. code	NOTE 3	surface	ISO 1902	tolerance	ISO 406	projection	product family
ltr	ecn no	dr	date	tolerances unless otherwise specified			HPC
G				angles	linear	INCH/MM	title
				0°±2'		scale 1:1	4 ROW R/A RECEPTACLE SOLDER TAIL, 0 G.P., 6 P.P.
		dr	D. SHEAFFER	9/15/92			dwg no
		engr	S. CLARK	9/15/92			sheet 2 of 3
		chr	S. CLARK	9/15/92			size
		appd	S. CLARK	9/15/92			A3
sheet	revision						type
index	sheet						Product Customer Drawing

PRODUCT NUMBER	NUMBER OF POSITIONS SEE NOTE 2	OPTIONAL ORIENTATION KEY SEE NOTE 11	TAIL LENGTH OF SIGNAL TAILS	SOLDER TAIL PLATING	CONTACT AREA PLATING SEE NOTE 4 & 11
50565 -1YYYYE	YYY	—	.125±.010/3.18±0.25	TIN-LEAD	30μ"/0.76μ GOLD
50565 -1YYYYF	YYY	—	.145±.010/3.68±0.25	TIN-LEAD	30μ"/0.76μ GOLD
50565 -1YYYYH	YYY	—	.180±.010/4.57±0.25	TIN-LEAD	30μ"/0.76μ GOLD
50565 -3YYYYE	YYY	—	.125±.010/3.18±0.25	TIN-LEAD	50μ"/1.27μ GOLD
50565 -3YYYYF	YYY	—	.145±.010/3.68±0.25	TIN-LEAD	50μ"/1.27μ GOLD
50565 -3YYYYH	YYY	—	.180±.010/4.57±0.25	TIN-LEAD	50μ"/1.27μ GOLD
50565 -5YYYYE	YYY	—	.125±.010/3.18±0.25	TIN-LEAD	30μ"/0.76μ GXT
50565 -5YYYYELF	YYY	—	.125±.010/3.18±0.25	TIN	30μ"/0.76μ GXT
50565 -5YYYYF	YYY	—	.145±.010/3.68±0.25	TIN-LEAD	30μ"/0.76μ GXT
50565 -5YYYYFLF	YYY	—	.145±.010/3.68±0.25	TIN	30μ"/0.76μ GXT
50565 -5YYYYH	YYY	—	.180±.010/4.57±0.25	TIN-LEAD	30μ"/0.76μ GXT
50565 -5YYYYHLF	YYY	—	.180±.010/4.57±0.25	TIN	30μ"/0.76μ GXT
50565 -XX006	60	YES	.125±.010/3.18±0.25	TIN-LEAD	30μ"/0.76μ GOLD
50565 -XX006LF	60	YES	.125±.010/3.18±0.25	TIN	30μ"/0.76μ GXT
50565 -XX006A	60	—	.125±.010/3.18±0.25	TIN-LEAD	30μ"/0.76μ GOLD
50565 -XX006ALF	60	—	.125±.010/3.18±0.25	TIN	30μ"/0.76μ GXT
50565 -XX007	60	YES	.125±.010/3.18±0.25	TIN-LEAD	30μ"/0.76μ GOLD
50565 -XX007LF	60	YES	.125±.010/3.18±0.25	TIN	30μ"/0.76μ GXT
50565 -XX007A	60	—	.125±.010/3.18±0.25	TIN-LEAD	30μ"/0.76μ GOLD
50565 -XX007ALF	60	—	.125±.010/3.18±0.25	TIN	30μ"/0.76μ GXT

mat'l. code NOTE 3				surface ISO 1902	tolerance ISO 406 ISO 1101	projection 	product family HPC	
ltr	ecn no	dr	date	tolerances unless otherwise specified			title	
G				angles	linear	.XX ±.01/.Xt±0.3 .XXX ±.005/.XXt±0.13	4 ROW R/A RECEPTACLE	
				0°±2'		.XXX ±.0020/.XXXt±0.051	SOLDER TAIL, 0 G.P., 6 P.P.	
				dr	D. SHEAFFER	9/15/92	scale	1:1
				engr	S. CLARK	9/15/92	dwg no	
				chr	S. CLARK	9/15/92	sheet 3 of 3	
				appd	S. CLARK	9/15/92	size	
sheet index		revision sheet				type		Product Customer Drawing

Mouser Electronics

Authorized Distributor

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

[FCI / Amphenol:](#)

[50565-XX006LF](#) [50565-1044F](#) [50565-1064F](#) [50565-XX006](#) [50565-5044FLF](#) [50565-5064FLF](#) [50565-1040F](#) [50565-1060E](#) [50565-1060F](#) [50565-1072F](#) [50565-1100F](#) [50565-1120E](#) [50565-5056E](#) [50565-XX007](#) [50565-XX007LF](#)
[50565-5160F](#)