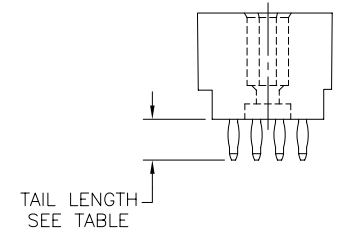
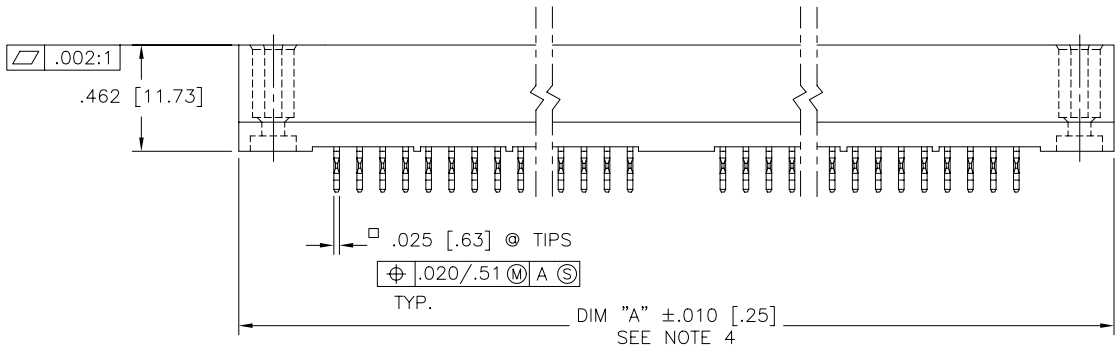
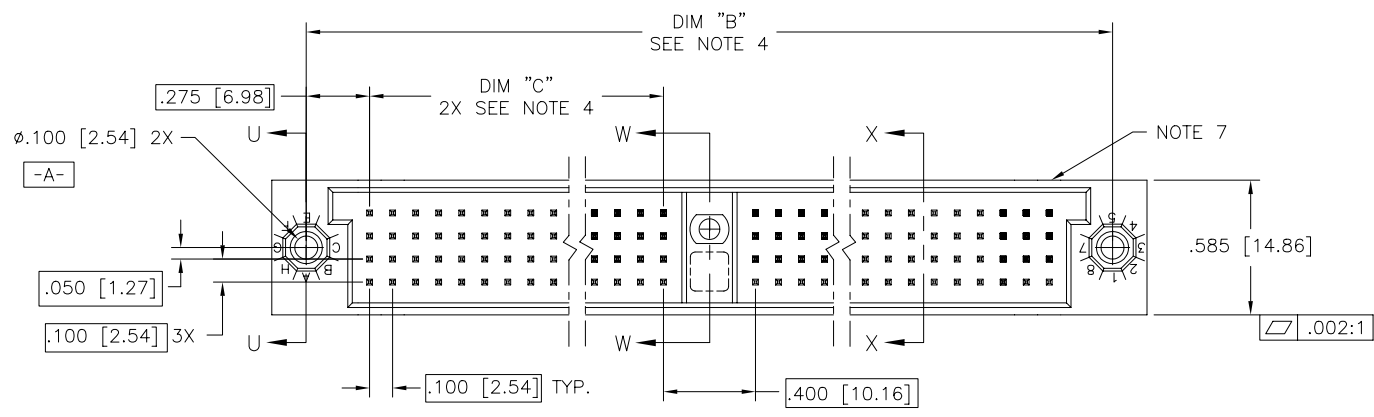


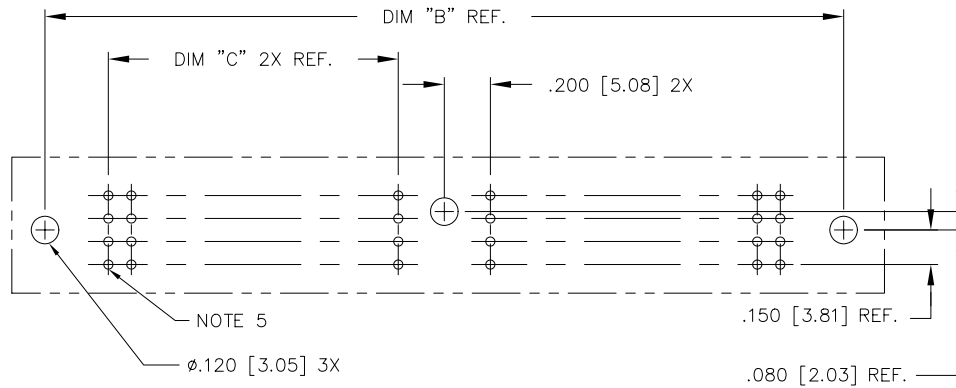
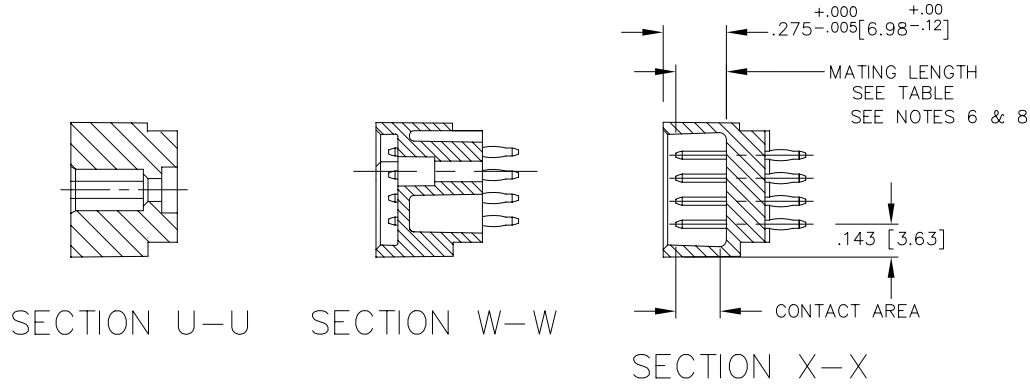
PRODUCT NUMBER  
SEE NOTE 1



mat'l. code NOTE 3		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection INCH/MM		product family HPC	
ltr	ecn	no	dr	date	tolerances unless otherwise specified		INCH/MM	title	
E	v40285	PCP		1/20/94	angles	linear		.xx ±.01/.3	4 ROW VERTICAL HEADER
F	v40941	PCP		6/01/94			.xxx ±.005/.13	W/PRESS FIT PINS, 1 G.P.	
G	v82253	HTB		12/28/98	σ±2'		.xxxx ±.0020/.051	scale 1:1	
H	v00271	JWS		1/31/00	dr	D. SHEAFFER	3/14/91	dwg no	
J	v05-0758	DAI		9/12/05	enfr	S. CLARK	3/14/91	sheet 1 of 4 size	
K	v05-1039	DAI		11/11/05	chr	S. CLARK	3/14/91	50010 A3	
L	M06-0261	AEA		7/08/06	appd	S. CLARK	3/14/91	type Product Customer Drawing	
sheet	revision	L	L	L	L	L	L	L	L
index	sheet	1	2	3	4				

PRODUCT NUMBER

SEE NOTE 1



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

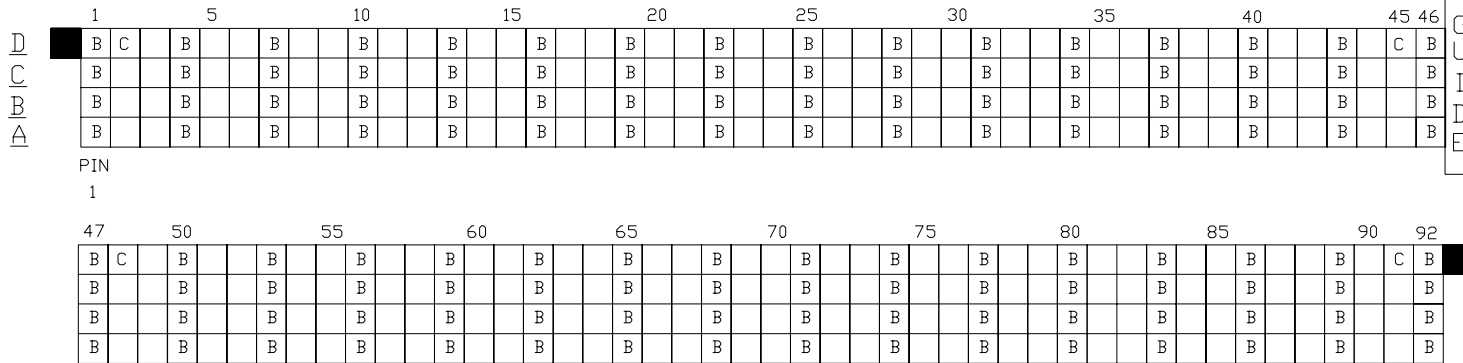
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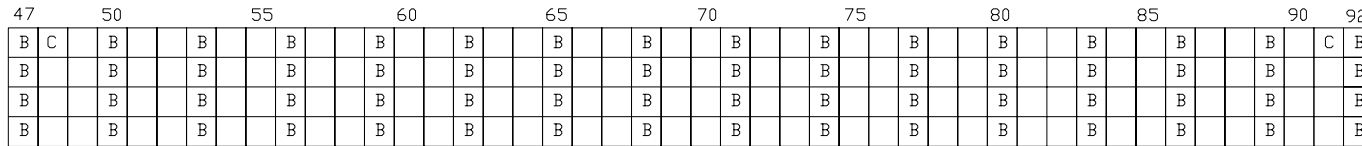
mat'l. code NOTE 3		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection ⊕	product family HPC
ltr	ecn no	dr	date	tolerances unless otherwise specified	title
L				angles linear .xx ±.01/.3 .xxx ±.005/.13 σ±2' .xxxx ±.0020/.051	4 ROW VERTICAL HEADER W/PRESS FIT PINS, 1 G.P.
		dr	D. SHEAFFER	3/14/91	dwg no
		enr	S. CLARK	3/14/91	sheet 2 of 4 size
		chr	S. CLARK	3/14/91	50010 A3
		appd	S. CLARK	3/14/91	type Product Customer Drawing
sheet index	revision sheet				

PRODUCT NUMBER  
SEE NOTE 1

50010-XX009 AND 50010-XX09LF ONLY



PIN  
1



NOTES FOR -XX009 AND -XX009LF ONLY:

1. ALL POSITIONS ARE LOADED WITH "A" EXCEPT WHERE NOTED.
2. COLUMN 1, ROW A IS DESIGNATED AS SIGNAL PIN 1, AS VIEWED FROM THE MATING FACE.
3. SIGNAL DATA FOR 50010-XX009 AND 50010-X009LF:  
SIZE: 4 X 92  
TOTAL NUMBER OF POSITIONS LOADED: 368

ITEM KEY	QTY.	MATING LENGTH	TAIL LENGTH
A	236	.230 / 5.84	.177 / 4.50
B	128	.270 / 6.86	.177 / 4.50
C	4	.190 / 4.83	.177 / 4.50

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
L				angles linear °.xx ±.01/.3 .xxx ±.005/.13 .xxxx ±.0020/.051	INCH/MM scale 1:1
		dr	D. SHEAFFER	3/14/91	dwg no
		enr	S. CLARK	3/14/91	sheet 3 of 4 size
		chr	S. CLARK	3/14/91	50010 A3
		appd	S. CLARK	3/14/91	type Product Customer Drawing
sheet index	revision sheet				

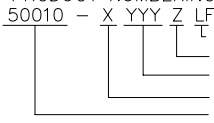
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PRODUCT NO.	NO. OF POSITIONS SEE NOTE 2	TAIL LENGTH ±.015/0.38	TERMINAL PLATING	MATING LENGTH
50010-1YYYYA	YYY	.177/4.50	30μ"/0.76μ GOLD	.220[5.59]
50010-1YYYYC	YYY	.533/13.54	30μ"/0.76μ GOLD	
50010-1YYYYD	YYY	.733/18.62	30μ"/0.76μ GOLD	
50010-1YYYYG	YYY	.250/6.35	30μ"/0.76μ GOLD	
50010-1YYYYL	YYY	.188/4.78	30μ"/0.76μ GOLD	
50010-1YYYYP	YYY	.470/11.94	30μ"/0.76μ GOLD	
50010-3YYYYA	YYY	.177/4.50	50μ"/1.27μ GOLD	
50010-3YYYYC	YYY	.533/13.54	50μ"/1.27μ GOLD	
50010-3YYYYD	YYY	.733/18.62	50μ"/1.27μ GOLD	
50010-3YYYYG	YYY	.250/6.35	50μ"/1.27μ GOLD	
50010-3YYYYL	YYY	.188/4.78	50μ"/1.27μ GOLD	
50010-3YYYYP	YYY	.470/11.94	50μ"/1.27μ GOLD	
50010-5YYYYA	YYY	.177/4.50	30μ"/0.76μ GXT	
50010-5YYYYALF	YYY	.177/4.50	30μ"/0.76μ GXT	
50010-5YYYYC	YYY	.533/13.54	30μ"/0.76μ GXT	
50010-5YYYYCLF	YYY	.533/13.54	30μ"/0.76μ GXT	
50010-5YYYYD	YYY	.733/18.62	30μ"/0.76μ GXT	
50010-5YYYYDLF	YYY	.733/18.62	30μ"/0.76μ GXT	
50010-5YYYYG	YYY	.250/6.35	30μ"/0.76μ GXT	
50010-5YYYYGLF	YYY	.250/6.35	30μ"/0.76μ GXT	
50010-5YYYYL	YYY	.188/4.78	30μ"/0.76μ GXT	
50010-5YYYYLLF	YYY	.188/4.78	30μ"/0.76μ GXT	
50010-5YYYYP	YYY	.470/11.94	30μ"/0.76μ GXT	
50010-5YYYYPLF	YYY	.470/11.94	30μ"/0.76μ GXT	.220[5.59]
50010-XX009	368	SEE SHEET 3	30μ"/0.76μ GXT	SEE SHEET 3
50010-XX009LF	368	SEE SHEET 3	30μ"/0.76μ GXT	SEE SHEET 3

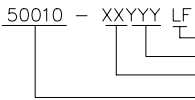
NOTES:

① PRODUCT NUMBERING CODE:



LEAD FREE (OPTIONAL), SEE NOTE 9  
TAIL LENGTH, SEE TABLE  
NO. OF POSITIONS, SEE NOTE 2  
PLATING, SEE TABLE  
BASE NUMBER

PRODUCT NUMBERING CODE FOR SELECT LOAD:



LEAD FREE (OPTIONAL) SEE NOTE 9  
SEQUENCE NUMBER  
ALWAYS 'XX'  
BASE NUMBER

② THIS PRODUCT IS CONFIGURED IN SIZES OF 20 thru 122 COLUMNS IN INCREMENTS OF TWO.  
i.e.: 20,22,24,26,.....118,120,122.

③ HOUSING MATERIAL: GLASS AND MINERAL FILLED HIGH TEMP. THERMOPLASTIC. FLAME RETARDANT PER UL94V-0. COLOR: BLACK.  
PIN MATERIAL: PHOS BRONZE

④ LENGTH FORMULAS

DIM "A" .100/2.54 x NO. OF COLUMNS +1.05/26.7  
DIM "B" .100/2.54 x NO. OF COLUMNS +.750/19.05  
DIM "C" .100/2.54 x NO. OF COLUMNS DIVIDED BY 2 -.100/2.54

- ⑤ .0453/1.151 DRILLED HOLE PLATED WITH .0003/.007 MIN. SnPb OVER .001/.03 to .003/.08 Cu. PLATING TO ACHIEVE A  $\phi$ .040±.003/1.02±.08 HOLE.
- ⑥ TO ASSURE PROPER INSTALLATION: TOOLING, AS SPECIFIED IN INSTRUCTION MANUAL 155915-001 MUST BE USED. PIN MATING LENGTH WILL BE ±.002/.05 AFTER INSTALLATION.
- ⑦ COMPANY NAME, PART NUMBER AND LOT CODE TO APPEAR ON THIS SURFACE PER BUS-12-108.
- ⑧ REFERENCE 50808 FOR F.M.L.B. AVAILABLE OPTIONS AND WORKSHEET.
- ⑨ THIS PRODUCT (WITH "LF" SUFFIX) MEETS 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 OR VAPOR PHASE REFLOW OVEN.

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
L			angles linear .xx ±.01/.3 .xxx ±.005/.13 .xxxx ±.0020/.051	INCH/MM	4 ROW VERTICAL HEADER W/PRESS FIT PINS, 1 G.P.
			dr	D. SHEAFFER 3/14/91	dwg no
			enfr	S. CLARK 3/14/91	sheet 4 of 4 size
			chr	S. CLARK 3/14/91	50010 A3
			appd	S. CLARK 3/14/91	type Product Customer Drawing
sheet index	revision sheet				



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