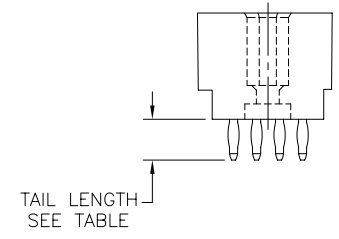
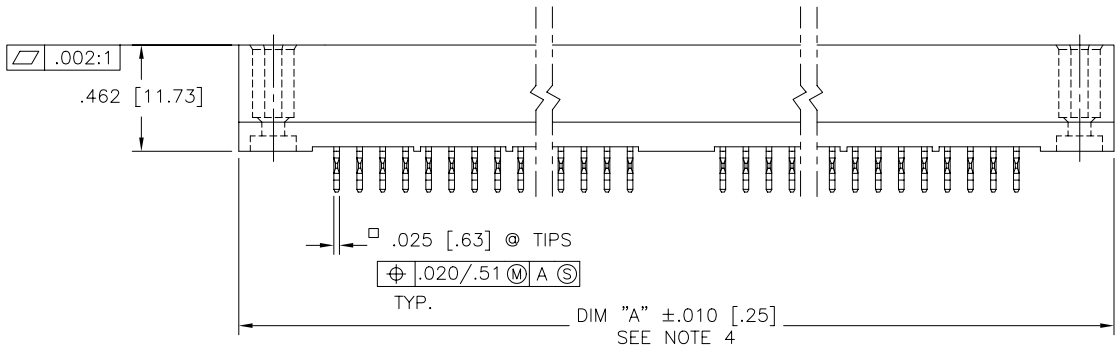
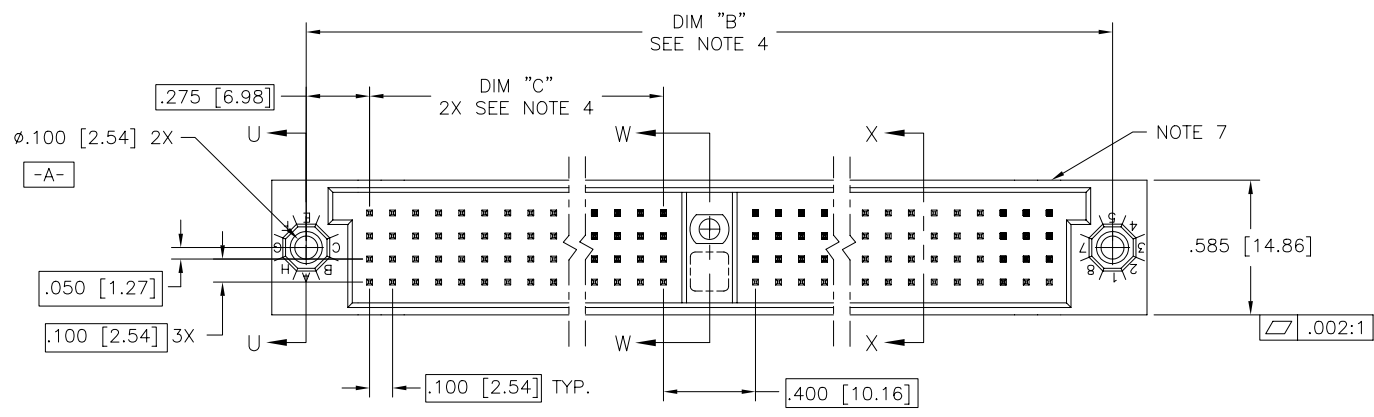




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PRODUCT NUMBER
SEE NOTE 1

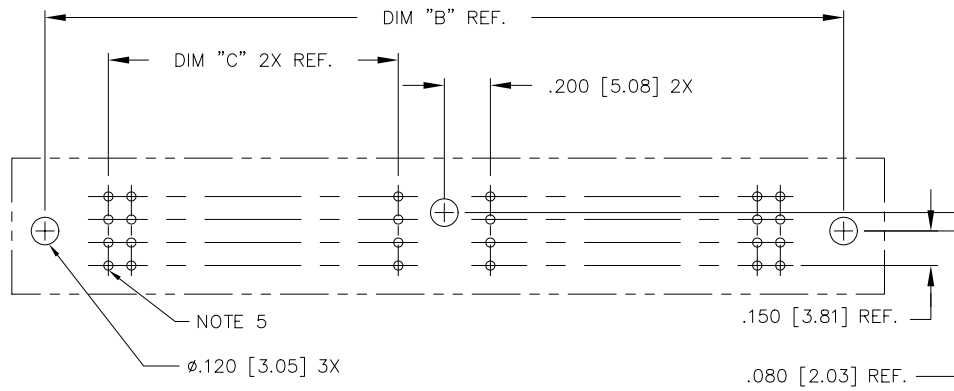
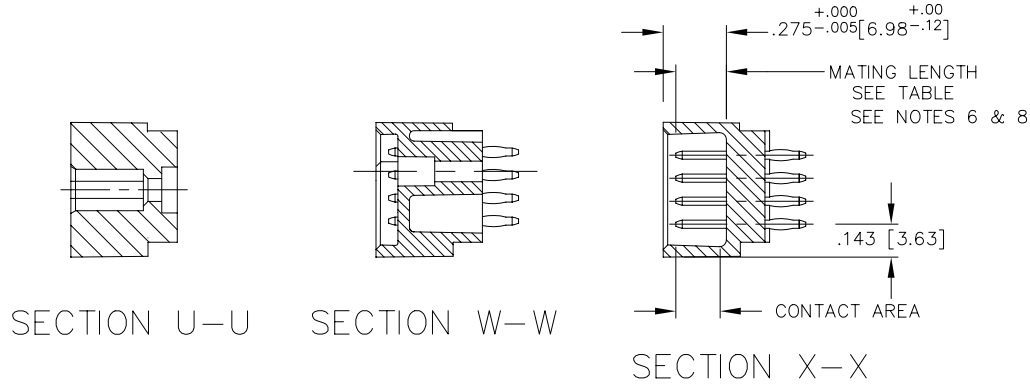


mat'l. code NOTE 3		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection INCH/MM		product family HPC	
E v40285 PCP 1/20/94		tolerances unless otherwise specified		.xx ±.01/.3		INCH/MM		title 4 ROW VERTICAL HEADER W/PRESS FIT PINS, 1 G.P.	
F v40941 PCP 6/01/94		angles		.xxx ±.005/.13		scale 1:1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

form: A3

PRODUCT NUMBER

SEE NOTE 1



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

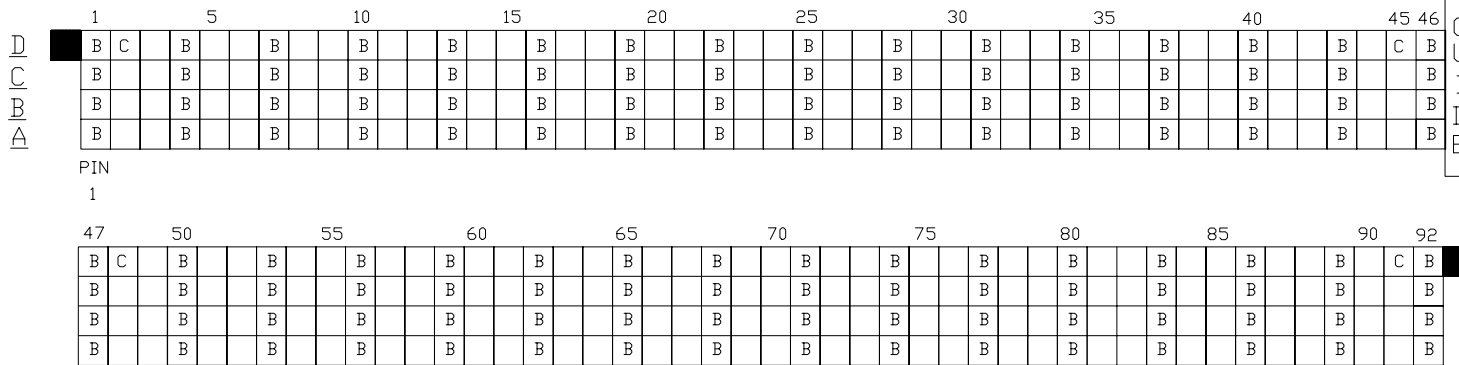
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mat'l. code NOTE 3		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HPC
ltr	ecn no	dr	date	tolerances unless otherwise specified	title
L				angles linear .xx ±.01/.3 .xxx ±.005/.13 σ±2' .xxxx ±.0020/.051	4 ROW VERTICAL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

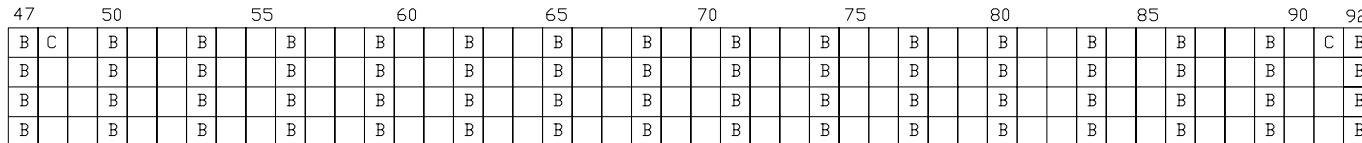
PRODUCT NUMBER
SEE NOTE 1

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

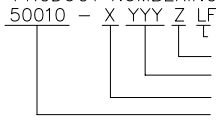
ITEM KEY	QTY.	MATING LENGTH	TAIL LENGTH
A	236	.230 / 5.84	.177 / 4.50
B	128	.270 / 6.86	.177 / 4.50
C	4	.190 / 4.83	.177 / 4.50

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	4 ROW VERTICAL HEADER W/PRESS FIT PINS, 1 G.P.
				scale 1:1	dwg no 50010
		dr	D. SHEAFFER	3/14/91	sheet 3 of 4 size A3
		enrg	S. CLARK	3/14/91	type Product Customer Drawing
		chr	S. CLARK	3/14/91	
		appd	S. CLARK	3/14/91	
sheet index	revision sheet				

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

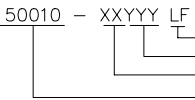
NOTES:

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 ϕ .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	scale 1:1	dwg no sheet 4 of 4 size
			enfr S. CLARK 3/14/91		50010 A3
			chr S. CLARK 3/14/91		type Product Customer Drawing
			appd S. CLARK 3/14/91		
sheet index	revision sheet				



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