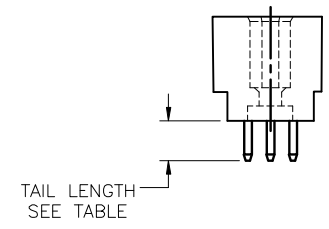
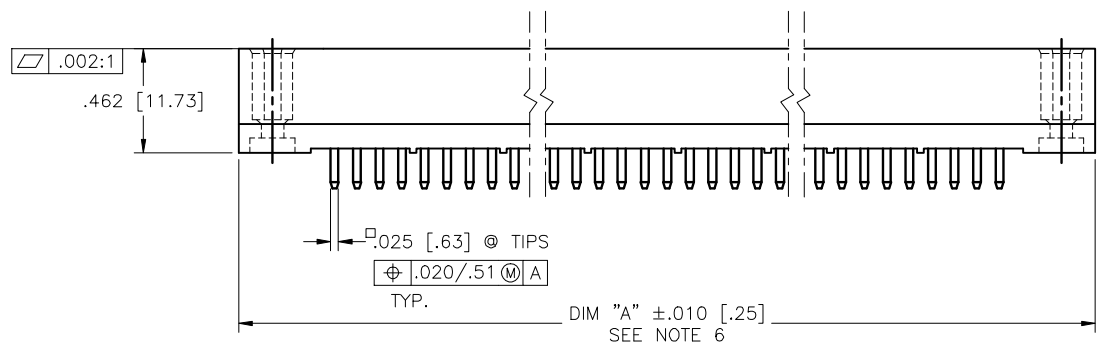
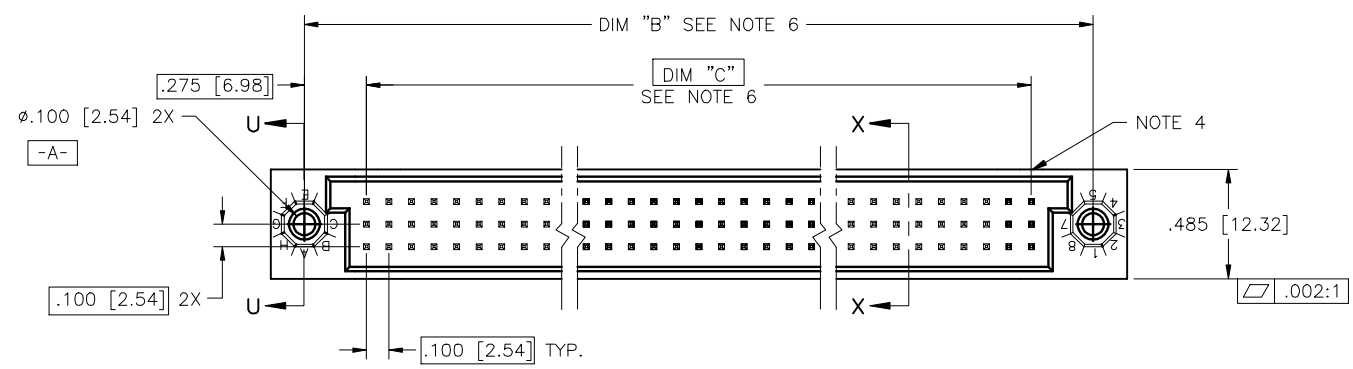


PRODUCT NUMBER
SEE TABLE

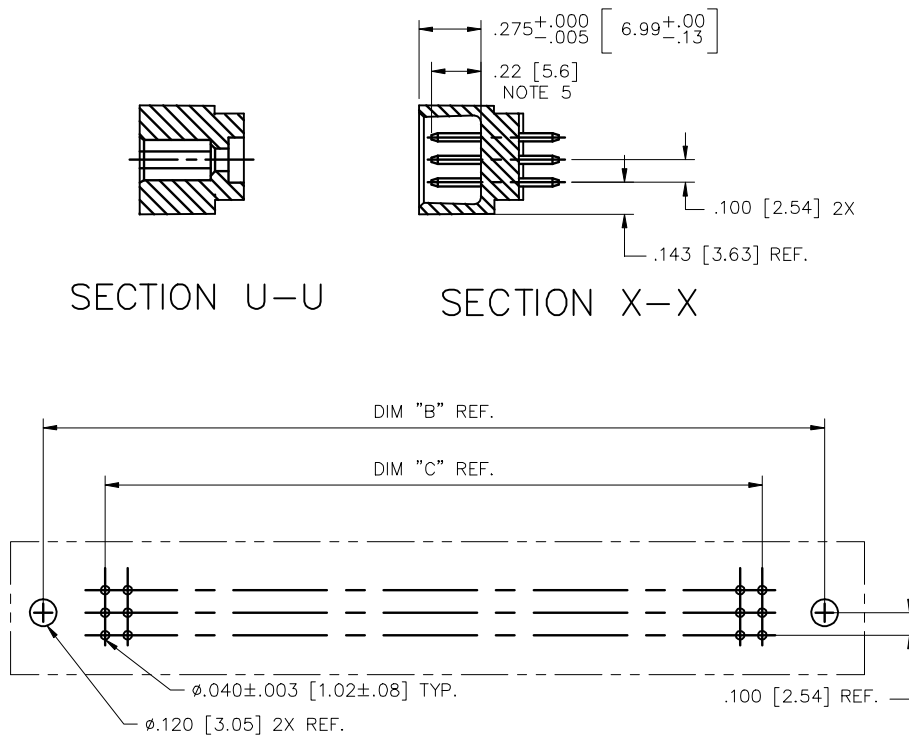


mat'l. code	SEE NOTE 3	Surface	ISO 1302	Tolerance	ISO 406	projection	product family
ltr	ecn no	dr	date	tolerances unless otherwise specified	ISO 1101	INCH/MM	HPC
H	V40286	PDP	1/20/94	angles	.XX±.01/XX±.03	scale 1:1	title
J	V90017	HTB	1/7/99	linear	.XXX±.005/XXX±.013		3 ROW VERTICAL HEADER
K	V00272	JWS	2/1/00	0'±2'	.XXX±.0020/XXX±.0051		W/SOLDER TAIL PINS, 0 G.P.
L	V05-0753	DAI	10/03/05	dr	D.SHEAFFER	3/14/91	dwg no
M	V05-1039	DAI	11/11/05	engr	S.CLARK	3/14/91	sheet 1 of 4
N	M06-0283	MHT	7/27/06	chr	S.CLARK	3/14/91	size
P	M09-0029	MHT	2/20/09	appd	S.CLARK	3/14/91	A3
sheet	revision	P	P	P	P	P	type
index	sheet	1	2	3	4		Product Customer Drawing

PRODUCT NUMBER
SEE TABLE

SECTION U-U

SECTION X-X



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

mat'l. code	surface	tolerance	projection	product family
SEE NOTE 3	ISO 1902	ISO 406	ISO 1101	HPC
ltr	ecn no	dr	date	title
P				3 ROW VERTICAL HEADER
				W/SOLDER TAIL PINS, 0 G.P.
				dwg no
				sheet 2 of 4
				size
				A3
				type
				Product Customer Drawing
sheet	revision			
index	sheet			

PRODUCT NUMBER
SEE TABLE

50012-XX010 AND 50012-XX010LF ONLY

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

PIN
1

31	35	40	45	50	55
					B B
					B B
					B B

CUSTOMER NOTE: END GUIDE PINS ARE SUGGESTED IN YOUR APPLICATION TO
PREVENT STUBBING OF THE .260 MATING LENGTH SIGNAL PINS.

NOTES FOR 50012-XX010 AND 50012-XX010LF ONLY:

- ALL POSITIONS ARE LOADED WITH "A", EXCEPT AS SHOWN.
- COLUMN 1, ROW A IS DESIGNATED AS SIGNAL PIN 1, AS VIEWED FROM THE MATING FACE.
- SIGNAL DATA FOR 50012-XX010 AND 50012-XX010LF:
SIZE 3 X 55
TOTAL NO. OF POSITIONS - 165
NO. OF POSITIONS LOADED - 165

ITEM KEY	QTY.	MATING LENGTH	TAIL LENGTH
A	153	.180 / 4.57	.177 / 4.50
B	12	.260 / 6.60	.177 / 4.50

mat'l. code SEE NOTE 3		surface ISO 1502	tolerance ISO 406 ISO 1101	projection ISO 1002	product family HPC
ltr	ecp no	dr	date	tolerances unless otherwise specified	title
P				angles linear .XX±.01/XX±.03 XXX±.005/XX±.013 O'±2' XXX±.0020/XXX±.0051	INCH/MM scale 1:1
				dr D.SHEAFFER 3/14/91	dwg no sheet 3 of 4 size
				engr S.CLARK 3/14/91	50012 A3
				chr S.CLARK 3/14/91	type Product Customer Drawing
				appd S.CLARK 3/14/91	
sheet index	revision sheet				

PRODUCT NUMBER	NUMBER OF POSITIONS SEE NOTE 2	TAIL LENGTH ±.015/0.38	TERMINAL PLATING NOTE 9
50012-1YYA	YYY	.177/4.50	30μ"/.76μ GOLD
50012-1YYY	YYY	.533/13.54	30μ"/.76μ GOLD
50012-1YYD	YYY	.733/18.62	30μ"/.76μ GOLD
50012-1YYG	YYY	.250/6.35	30μ"/.76μ GOLD
50012-1YYJ	YYY	.120/3.05	30μ"/.76μ GOLD
50012-3YYA	YYY	.177/4.50	50μ"/1.27μ GOLD
50012-3YYC	YYY	.533/13.54	50μ"/1.27μ GOLD
50012-3YYD	YYY	.733/18.62	50μ"/1.27μ GOLD
50012-3YYG	YYY	.250/6.35	50μ"/1.27μ GOLD
50012-3YYY	YYY	.120/3.05	50μ"/1.27μ GOLD
50012-5YYA	YYY	.177/4.50	30μ"/.76μ GXT
50012-5YYALF	YYY	.177/4.50	30μ"/.76μ GXT
50012-5YYB	YYY	.190/4.82	30μ"/.76μ GXT
50012-5YYBLF	YYY	.190/4.82	30μ"/.76μ GXT
50012-5YYC	YYY	.533/13.54	30μ"/.76μ GXT
50012-5YYCLF	YYY	.533/13.54	30μ"/.76μ GXT
50012-5YYD	YYY	.733/18.62	30μ"/.76μ GXT
50012-5YYDLF	YYY	.733/18.62	30μ"/.76μ GXT
50012-5YYG	YYY	.250/6.35	30μ"/.76μ GXT
50012-5YYGLF	YYY	.250/6.35	30μ"/.76μ GXT
50012-5YYJ	YYY	.120/3.05	30μ"/.76μ GXT
50012-5YYJLF	YYY	.120/3.05	30μ"/.76μ GXT
50012-XX010	165	SEE SHEET 3	30μ"/.76μ Au
50012-XX010LF	165	SEE SHEET 3	30μ"/.76μ GXT

NOTES:

- ① PRODUCT NUMBERING CODE:

50012 - 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/FMLB PART NUMBERS:

50012 - XXYYY 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,.....78,79,80.

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

- ④ COMPANY NAME, PART NUMBER AND LOT CODE TO APPEAR ON THIS SURFACE PER BUS-12-108.

- ⑤ REFERENCE 50804 FOR FIRST MATE LAST BREAK AVAILABLE OPTIONS AND FOR SELECTIVELY LOADED HEADER WORKSHEET.

- ⑥ 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

7. THIS PRODUCT (WITH "LF" SUFFIX) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

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

- ⑨ PLATING OPTIONS:

MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURE'S OPTION



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mat'l. code SEE NOTE 3				surface ISO 1302	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HPC
ltr	ec'n no	dr	date	tolerances unless otherwise specified			title 3 ROW VERTICAL HEADER W/SOLDER TAIL PINS, 0 G.P.
P				angles	linear		
				0°±2'	XXX±.01/XX±0.3 XXX±.005/XX±0.13 XXX±.0020/XXX±0.051	scale 1:1	dwg no 50012
		dr	D.SHEAFFER	3/14/91			sheet 4 of 4 size A3
		engr	S.CLARK	3/14/91			
		chr	S.CLARK	3/14/91			
		appd	S.CLARK	3/14/91			type Product Customer Drawing
sheet index	revision sheet						