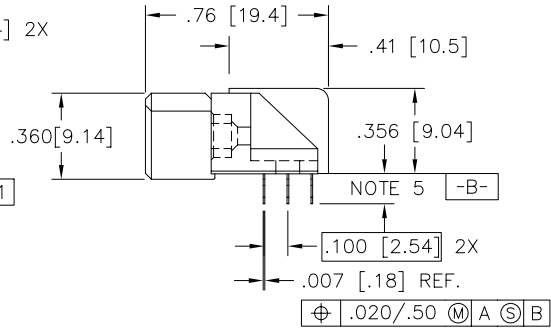
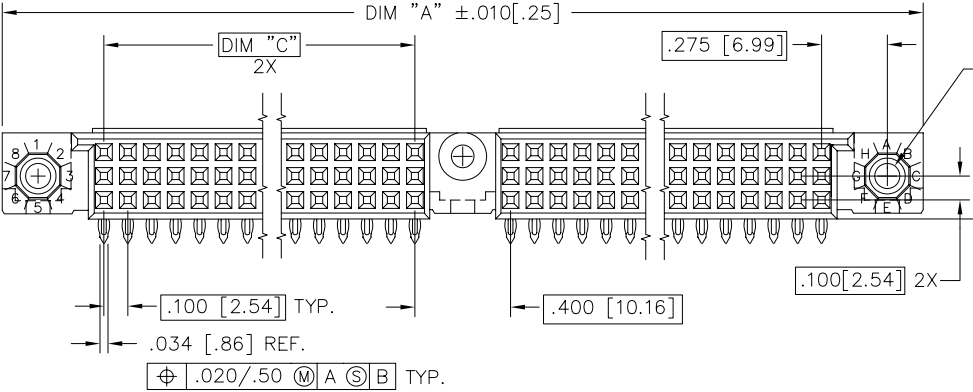
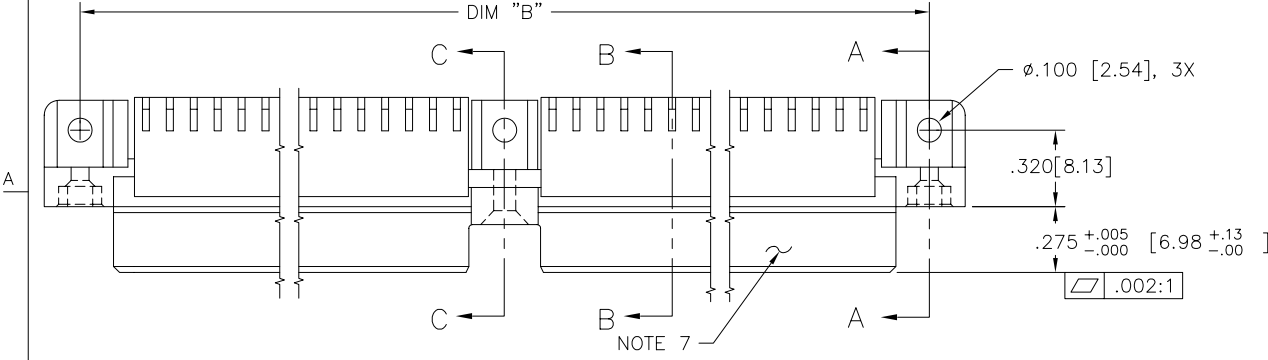




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PRODUCT NUMBER
SEE NOTE 1



mat'l. code NOTE 3				surface ISO 1302 ☒	tolerance ISO 406 ISO 1101	projection 	product family HPC
ltr	ec	no	dr	date	tolerances unless otherwise specified	INCH/MM	title
G	V40739	GIP	4/12/94		angles	.XX±.01/.3	3 ROW R/A RECEPT.
H	V41510	GAH	10/13/94		linear	.XXX±.005/.13	PRESS FIT, 1 GUIDE PIN
J	V60822	GIP	5/30/96	0'±2'		.XXXX±.0020/.051	
K	V90001	HTB	2/15/99	dr	G.PETERS	6/19/93	dwg no
L	V00269	JWS	1/31/00	enr	S.CLARK	6/19/93	sheet 1 of 3 size
M	V10827	JRW	02/26/01	chr	S.CLARK	6/19/93	50646 A3
N	M06-0255	MHT	7/06/06	app	S.CLARK	6/19/93	type Product Customer Drawing
sheet	revision	N	N	N			
index	sheet	1	2	3			

PRODUCT NUMBER	DIM	LENGTH FORMULAS
SEE NOTE 1	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]

NOTES:

① PRODUCT NUMBERING CODE:
50646 - X YYY Z S
SPECIAL FEATURES(NOTE 9)
TAIL LENGTH(NOTE 5)
NO. of POSITIONS(NOTE 2)
PLATING(NOTE 4)
BASE NUMBER

PRODUCT NUMBERING CODE FOR
SELECT LOAD PART NUMBERS:
50646 - XX YYY
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,.....120,122.

③ PRESS BLOCK MATERIAL: LCP.
HOUSING MATERIAL: GLASS AND MINERAL FILLED
HIGH TEMP. THERMOPLASTIC. FLAME RETARDANT PER
UL94V-0. COLOR: BLACK.
CONTACT MATERIAL: BeCu.

④ PLATING, CONTACT AREA OPTIONS.
1=30u"/.76u" GOLD
ALL TAILS TIN/LEAD.

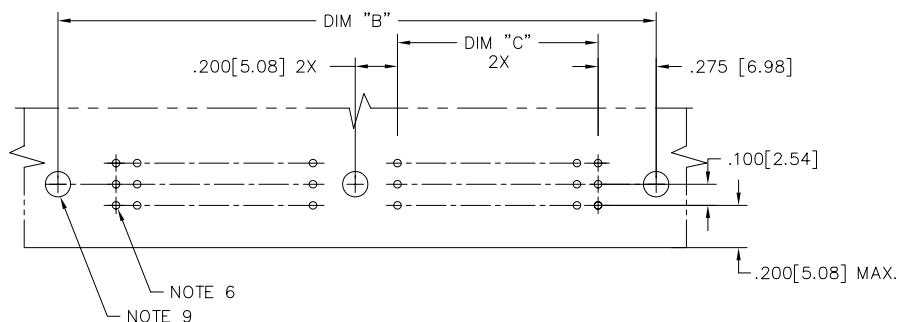
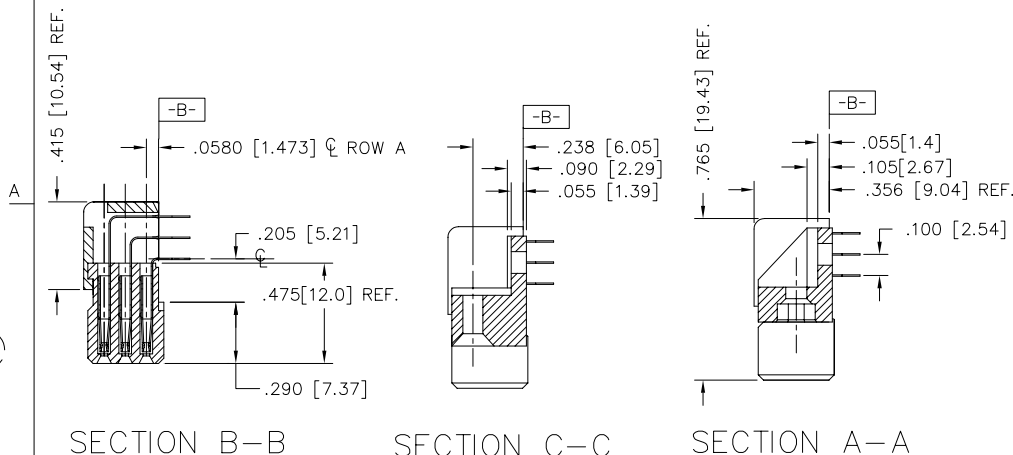
⑤ TAIL LENGTH OPTIONS:
E = .125±.010 [3.18±.25]
F = .145±.010 [3.68±.25]

⑥ DRILLED HOLE DIA. OF .0453±.001 FINISHED TO .0400±.0030
BY PLATING SnPb(60/40), .0003 - .0006 w/Cu
UNDERPLATING AS NEEDED.

⑦ MANUFACTURE'S LOGO, P/N, AND LOT CODE TO APPEAR ON THIS SURFACE.

8. FOR DOCUMENTATION MENU, SEE SPEC. BUS-01-057.

⑨ SPECIAL FEATURES:
- IF NO SPECIAL FEATURE CODE IS SELECTED, CONNECTOR WILL APPEAR AS SHOWN. PCB MOUNTING HOLE DIMENSION TO BE ϕ .120±.003 [3.05±0.07]
"A" = IF SPECIFIED, CONNECTOR WILL APPEAR AS SHOWN ON SHEET 3. PCB MOUNTING HOLE DIMENSION TO BE ϕ .100±.003 [2.54±0.07]
"B" = IF SPECIFIED, CONNECTOR WILL HAVE PRE-INSTALLED EYELET FOR P.C.B. ATTACHMENT IN A ϕ .100±.003 [2.54±0.07] MOUNTING HOLE. SEE SHEET 3. (AVAILABLE IN "E" TAIL LENGTH. ONLY).
"C" = IF SPECIFIED, CONNECTOR WILL HAVE PRE-INSTALLED EYELET FOR P.C.B. ATTACHMENT IN A ϕ .120±.003 [2.54±0.07] MOUNTING HOLE. SEE SHEET 3.



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

mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HPC
ltr	ecn	no	dr	date	tolerances unless otherwise specified	scale 1:1	title
N					angles linear .XX±.01/.3		3 ROW R/A RECEPT. PRESS FIT, 1 GUIDE PIN
					0'±2' .XXX±.005/.13 .XXX±.0020/.051		
			dr	G.PETERS	6/19/93	FCI	dwg no
			enr	S.CLARK	6/19/93		sheet 2 of 3 size
			chr	S.CLARK	6/19/93		50646 A3
			appd	S.CLARK	6/19/93		type Product Customer Drawing
sheet index	revision	sheet					

1

2 3

4

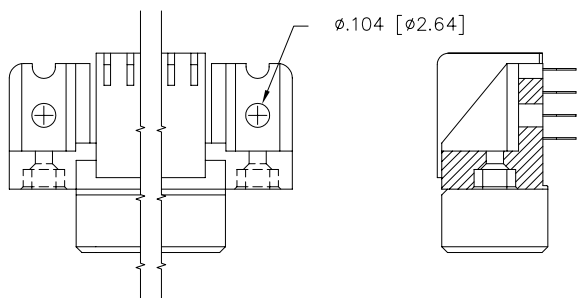
5

6

PRODUCT NUMBER

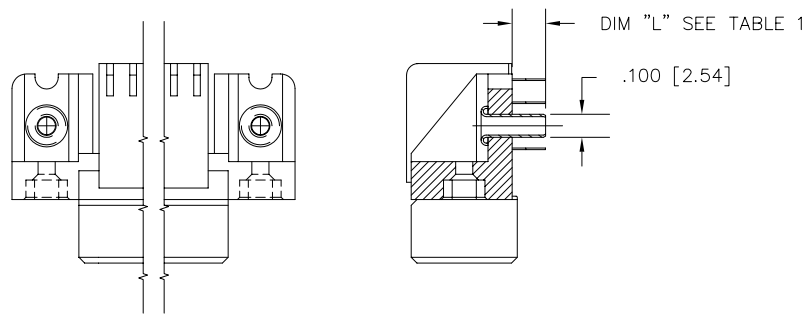
SEE NOTE 1

SPECIAL FEATURE OPTION A



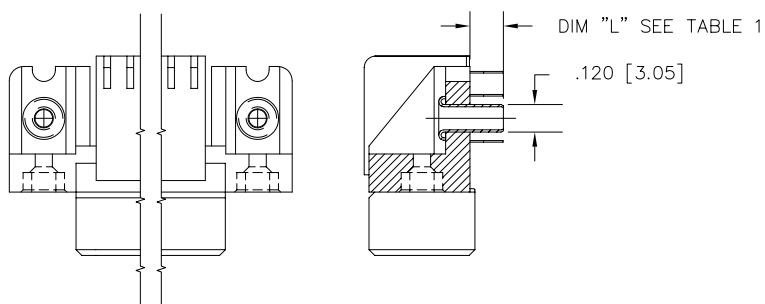
SECTION A-A

SPECIAL FEATURE OPTION B



SECTION A-A

SPECIAL FEATURE OPTION C



SECTION A-A

TABLE 1

SPECIAL FEATURE	TAIL LENGTH	DIM "L"
"B"	E	.145 [3.68]
"B"	-	-
"C"	E	.115 [2.92]
"C"	F	.145 [3.68]

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HPC
ltr	ecn	no	dr	date	tolerances unless otherwise specified	scale 1:1	title
N					angles linear .XX±.01/.3 .XXX±.005/.13 .XXXX±.0020/.051		3 ROW R/A RECEPT. PRESS FIT, 1 GUIDE PIN
					dr G.PETERS 6/19/93		dwg no sheet 3 of 3 size
					enr S.CLARK 6/19/93		50646 A3
					chr S.CLARK 6/19/93		type Product Customer Drawing
					appd S.CLARK 6/19/93		
sheet index	revision sheet						

form: A3

1

2

3

4

5

6