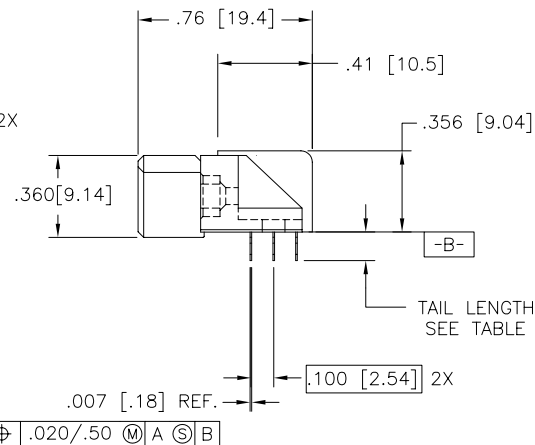
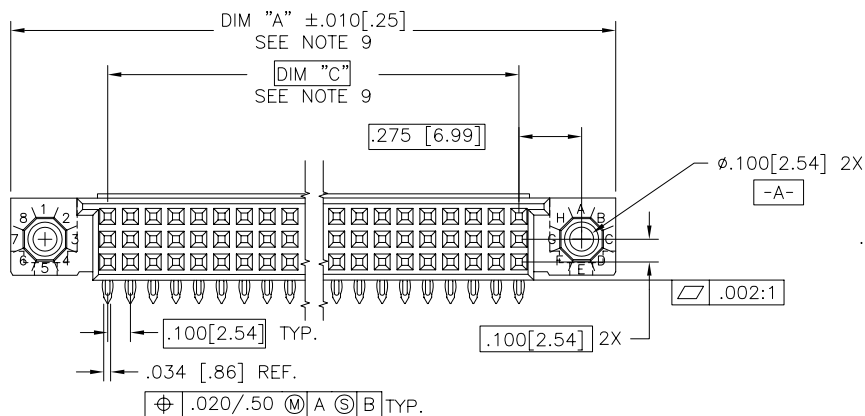
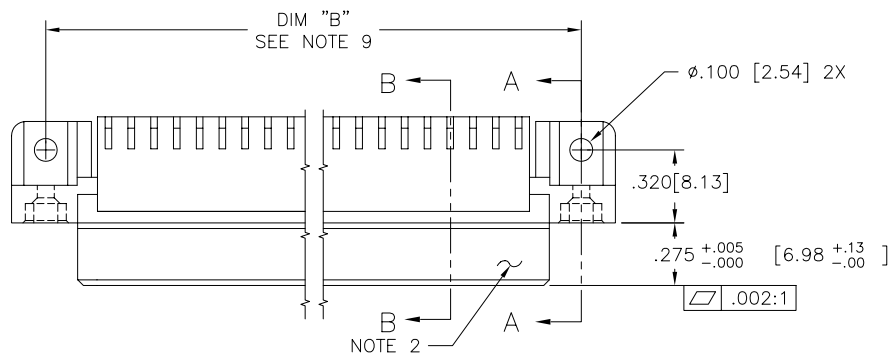




FCIconnect.com

Copyright FCI

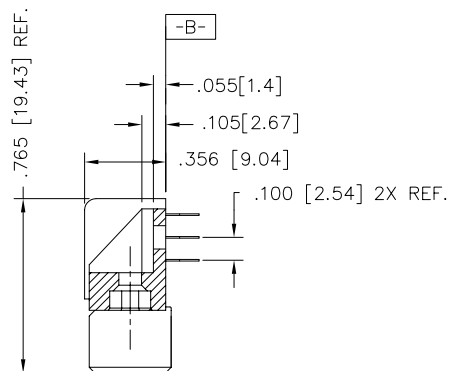
PRODUCT NUMBER
SEE TABLE



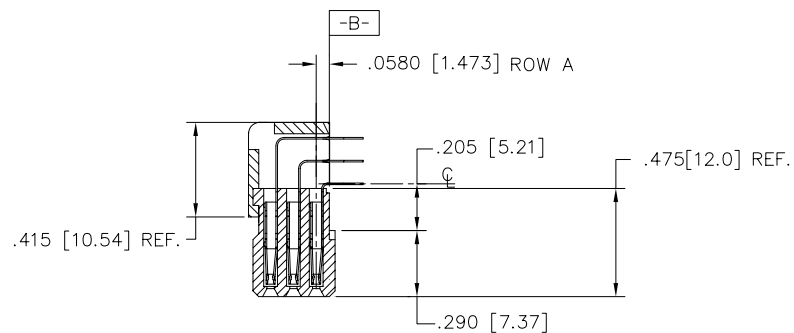
mat'l. code SEE NOTE 4				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101	projection INCH/MM	product family HPC			
ltr	ecm	no	dr	date	tolerances unless otherwise specified			title			
K	V90001	HTB	2/15/99		angles	linear	.XX±.01/.3	3 ROW R/A RECEPT.			
L	V00268	JWS	1/31/00				.XXX±.005/.13	PRESS FIT, 0 GUIDE PIN			
M	V10826	JRW	2/7/01		0°±2'		.XXX±.0020/.051	scale 1:1			
N	V05-0511	DAI	8/15/05	dr	G.PETERS	6/19/93		dwg no			
P	V05-1054	HTB	11/17/05	enr	S.CLARK	6/19/93		sheet 1 of 4 size			
R	M06-0255	MHT	7/06/06	chr	S.CLARK	6/19/93		50645 A3			
S	M07-0099	AGS	2/08/07	appd	S.CLARK	6/19/93		type Product Customer Drawing			
sheet	revision	S	S	S	S	S					
index	sheet	1	2	3	4						

form: A3

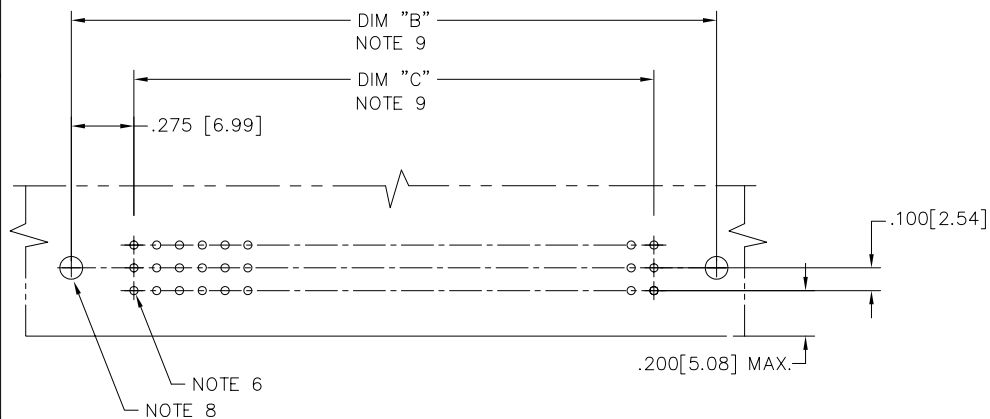
PRODUCT NUMBER
SEE TABLE



SECTION A-A



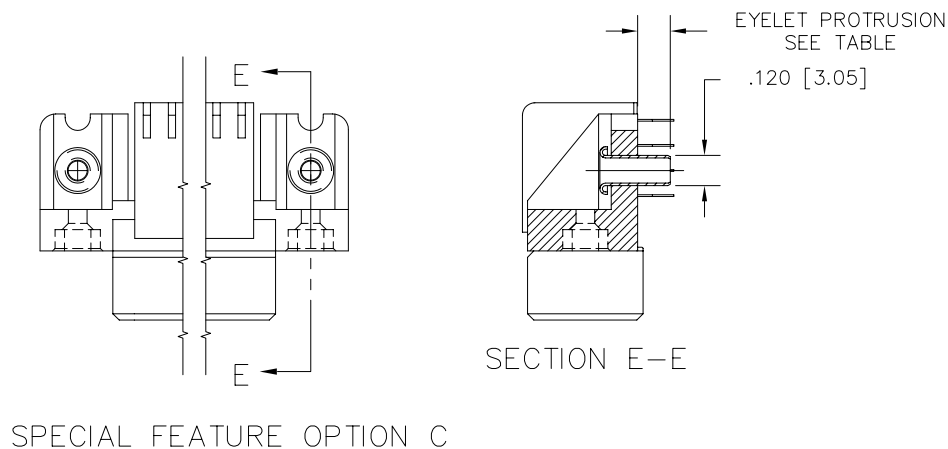
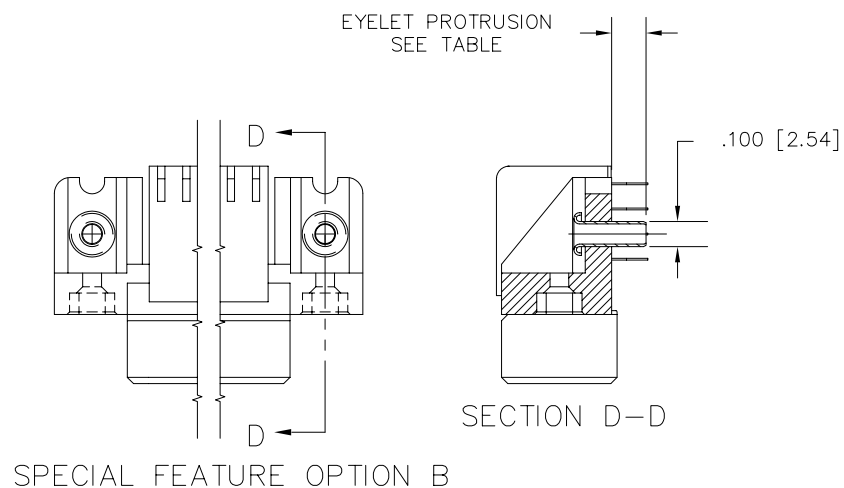
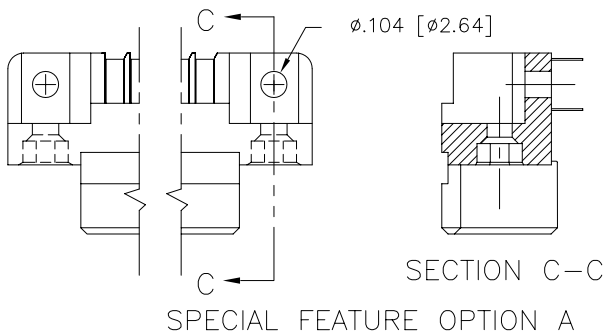
SECTION B-B



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

mat'l. code SEE NOTE 4		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HPC
ltr	ecn	no	dr	date	title
S					3 ROW R/A RECEPT. PRESS FIT, 0 GUIDE PIN
					scale 1:1
					dwg no
					sheet 2 of 4
					size
					A3
					type
					Product Customer Drawing
sheet	revision				
index	sheet				

PRODUCT NUMBER
SEE TABLE



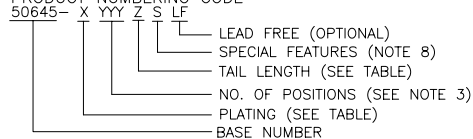
mat'l. code SEE NOTE 4				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HPC
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title
S					angles	.XX±.01/.3	3 ROW R/A RECEPT. PRESS FIT, 0 GUIDE PIN
					linear	.XXX±.005/.13	
					0°±2'	.XXXX±.0020/.051	
					dr	G.PETERS 6/19/93	dwg no 50645 sheet 3 of 4 size A3 type Product Customer Drawing
					enr	S.CLARK 6/19/93	
					chr	S.CLARK 6/19/93	
					appd	S.CLARK 6/19/93	
sheet index	revision sheet						

form: A3

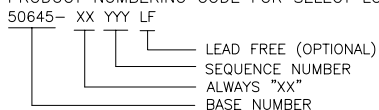
PRODUCT NUMBER NOTE 1	NUMBER OF POSITIONS NOTE 3	TAIL LENGTH ±.010/0.25	SPECIAL FEATURES SEE NOTE 8	SOLDER TAIL PLATING	CONTACT PLATING	EYELET PROTRUSION
50645-1YYYYE	YYY	.125/3.18	NONE	TIN-LEAD	30u"/.76u Au	N/A
50645-1YYYELF	YYY	.125/3.18	NONE	TIN	30u"/.76u GXT	N/A
50645-1YYYEA	YYY	.125/3.18	"A"	TIN-LEAD	30u"/.76u Au	N/A
50645-1YYYEALF	YYY	.125/3.18	"A"	TIN	30u"/.76u GXT	N/A
50645-1YYYEB	YYY	.125/3.18	"B"	TIN-LEAD	30u"/.76u Au	.137/3.48
50645-1YYYEBLF	YYY	.125/3.18	"B"	TIN	30u"/.76u GXT	.137/3.48
50645-1YYYEC	YYY	.125/3.18	"C"	TIN-LEAD	30u"/.76u Au	.115/2.92
50645-1YYYECLF	YYY	.125/3.18	"C"	TIN	30u"/.76u GXT	.115/2.92
50645-1YYYY	YYY	.145/3.68	NONE	TIN-LEAD	30u"/.76u Au	N/A
50645-1YYYYLF	YYY	.145/3.68	NONE	TIN	30u"/.76u GXT	N/A
50645-1YYYYA	YYY	.145/3.68	"A"	TIN-LEAD	30u"/.76u Au	N/A
50645-1YYYYALF	YYY	.145/3.68	"A"	TIN	30u"/.76u GXT	N/A
50645-1YYYYC	YYY	.145/3.68	"C"	TIN-LEAD	30u"/.76u Au	.170/4.32
50645-1YYYYCLF	YYY	.145/3.68	"C"	TIN	30u"/.76u GXT	.170/4.32

NOTES:

(1) PRODUCT NUMBERING CODE



PRODUCT NUMBERING CODE FOR SELECT LOAD



(2) MANUFACTURE'S LOGO, PART NUMBER, AND LOT CODE TO APPEAR ON THIS SURFACE.

(3) THIS PRODUCT IS CONFIGURED IN SIZES OF 6 THRU 80 COLUMNS IN INCREMENTS OF ONE, i.e. 6, 7, 8, 9,79, 80.

(4) MATERIAL: PRESS BLOCK - HIGH TEMP THERMOPLASTIC
HOUSING: GLASS AND MINERAL FILLED HIGH TEMPERATURE THERMOPLASTIC, FLAME RETARDANT PER UL94V-0. COLOR-BLACK
CONTACT: BeCu

5. PLATING:
CONTACT AREA: 30μ"/0.76 μm Au OR 30μ"/0.76μm GXT (FOR LEAD-FREE OPTION)
TAILS: EITHER TIN OR TIN LEAD, SEE TABLE.

(6) DRILLED HOLE DIA OF .0453±.0010 [1.151±0.025] FINISHED TO .0400±.0030 [1.016±0.076] BY PLATING SnPb OR OTHER PLATING .0003 [0.008] TO .0006 [0.015] THICK WITH A COPPER UNDERPLATE AS NEEDED.

7. INFORMATION DOCUMENT: FOR PCB STAY-AWAY ZONE, SEE TA-0954.

(8) SPECIAL FEATURES:

- = IF NO SPECIAL FEATURE CODE IS SELECTED, CONNECTOR WILL APPEAR AS SHOWN. PCB MOUNTING HOLE DIMENSION TO BE $\phi.120\pm.003$ [3.05±0.07]

"A" = IF SPECIFIED, CONNECTOR WILL APPEAR AS SHOWN ON SHEET 3. PCB MOUNTING HOLE DIMENSION TO BE $\phi.100\pm.003$ [2.54±0.07].

"B" = IF SPECIFIED, CONNECTOR WILL HAVE PRE-INSTALLED EYELET FOR P.C.B. ATTACHMENT IN A $\phi.100\pm.003$ [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 $\phi.120\pm.003$ [3.05±0.07] MOUNTING HOLE. SEE SHEET 3.

(9) DIMENSION "A" CALCULATION = .100 (2.54) X NO. OF COLUMNS +.75 (19.1)
DIMENSION "B" CALCULATION = .100 (2.54) X NO. OF COLUMNS +.450 (11.43)
DIMENSION "C" CALCULATION = .100 (2.54) X NO. OF COLUMNS -.100 (2.54)

10. ALL POSITIONS ARE LOADED EXCEPT FOR -XXXXY ASSEMBLIES WHICH HAVE SELECTIVE LOADING.

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

12. 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 SEE NOTE 4				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family HPC			
ltr	ecn	no	dr	date	tolerances unless otherwise specified					title			
S					angles	linear	.XX±.01/.3		INCH/MM	3 ROW R/A RECEPT. PRESS FIT, 0 GUIDE PIN			
					0°±2'		.XXX±.005/.13						
							.XXXX±.0020/.051						
					dr	G.PETERS	6/19/93			dwg no		sheet4 of 4	size
					engr	S.CLARK	6/19/93			50645		A3	
					chr	S.CLARK	6/19/93						
					appd	S.CLARK	6/19/93						
sheet index		revision sheet								type Product Customer Drawing			