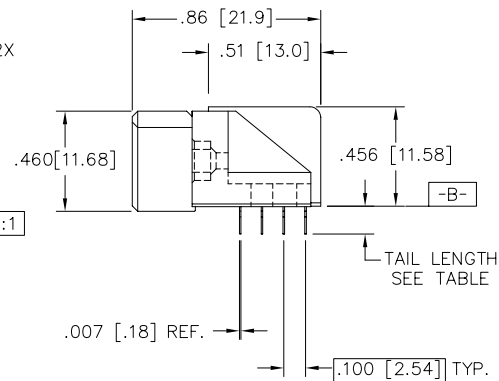
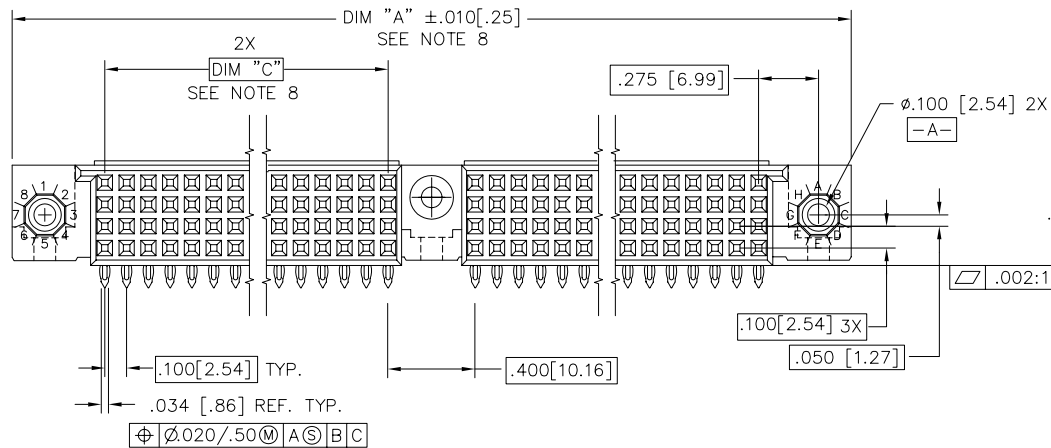
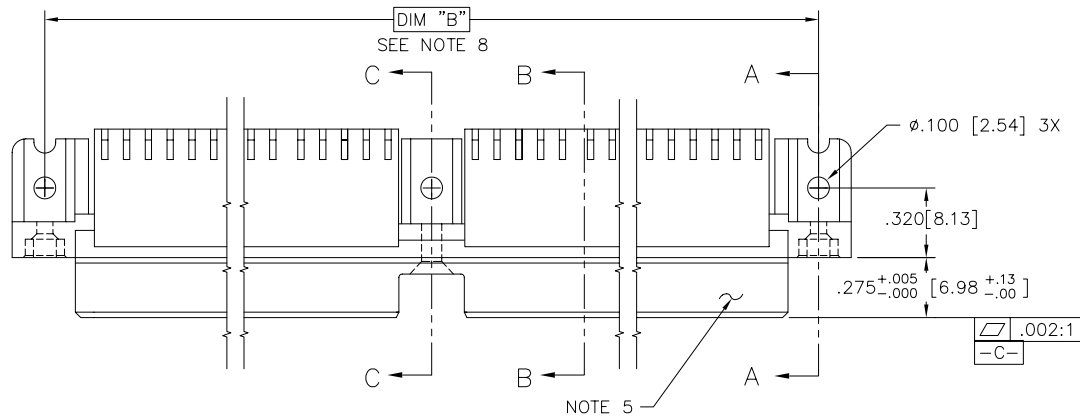




FCIconnect.com

Copyright FCI

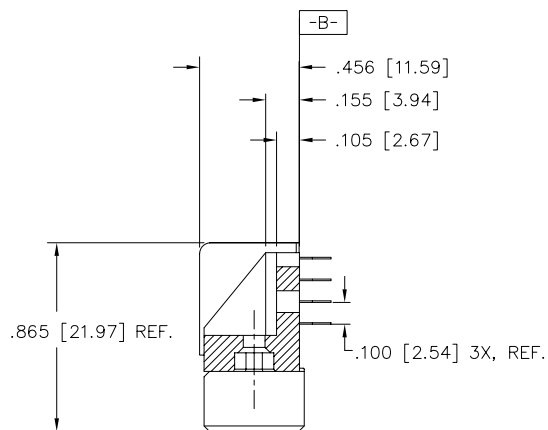
PRODUCT NUMBER
SEE TABLE



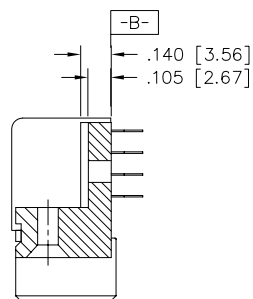
mat'l. code NOTE 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101	projection INCH/MM scale 1:1	product family HPC			
ltr	ecr	no	dr	date	tolerances unless otherwise specified			title			
N	V91490	DLW	7/13/99		angles	linear	.XX±.01/.3	4 ROW R/A RECEPTACLE			
P	V00266	JWS	1/28/00				.XXX±.005/.13	PRESS FIT, 1 GUIDE PIN			
R	V10825	JRW	2/7/01	0'±2'			.XXX±.0020/.051	dwg no			
S	V10960	MEM	3/14/01	dr	G.PETERS	6/10/93		sheet 1 of 4 size			
T	V05-0969	DAI	10/25/05	enr	S.CLARK	6/10/93		50643			
U	M06-0255	MHT	7/06/06	chr	S.CLARK	6/10/93		A3			
				appd	S.CLARK	6/10/93		type Product Customer Drawing			
sheet	revision	U	U	U	U						
index	sheet	1	2	3	4						

form: A3

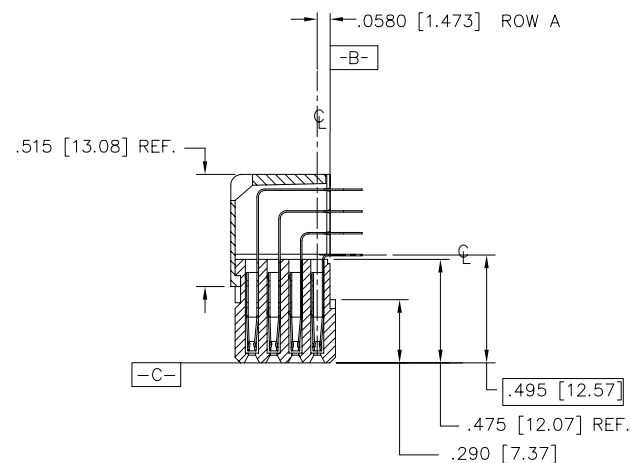
PRODUCT NUMBER
SEE TABLE



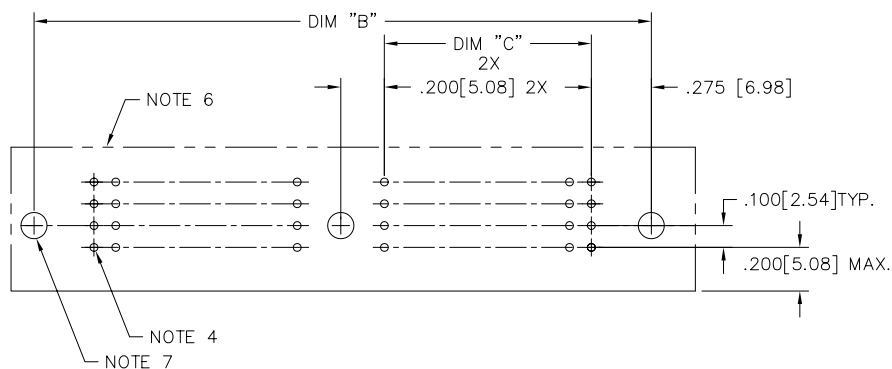
SECTION A-A



SECTION C-C



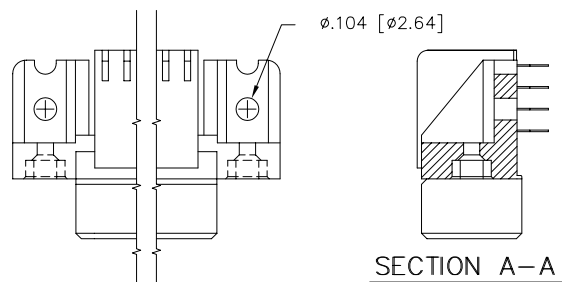
SECTION B-B



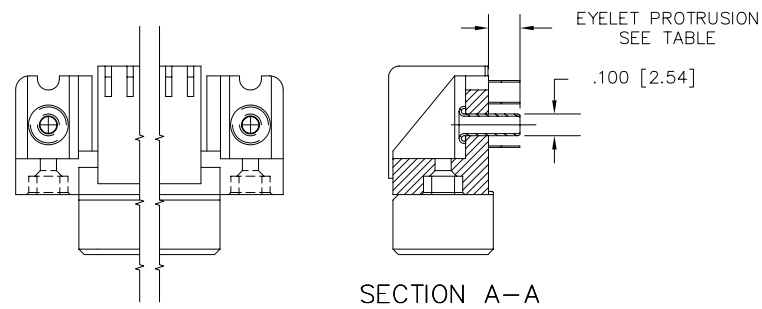
RECOMMENDED PCB LAYOUT
(ALL HOLES LOCATED ON .100[2.54]
GRID UNLESS OTHERWISE SHOWN)

mat'l. code NOTE 3				surface ISO 1302	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HPC
ltr	ecr	no	dr	date	tolerances unless otherwise specified		title
U					angles linear .XX±.01/.3	INCH/MM	4 ROW R/A RECEPTACLE PRESS FIT, 1 GUIDE PIN
					0°±2'	scale 1:1	dwg no
					dr G.PETERS 6/10/93		sheet 2 of 4 size
					enr S.CLARK 6/10/93		50643 A3
					chr S.CLARK 6/10/93		
					appd S.CLARK 6/10/93		
sheet index	revision sheet						type Product Customer Drawing

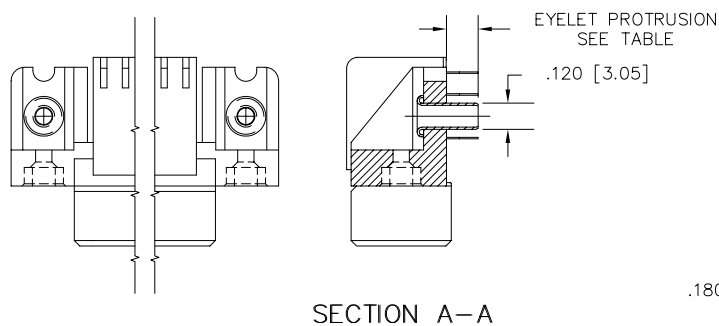
PRODUCT NUMBER
SEE TABLE



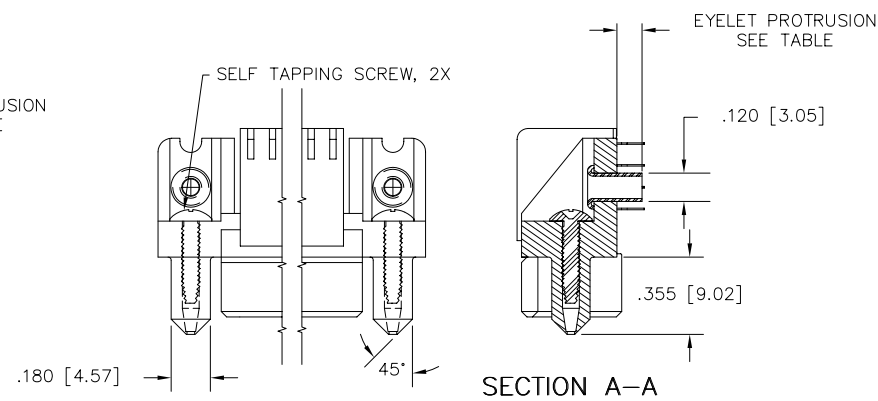
SPECIAL FEATURE OPTION A
SEE NOTE 7



SPECIAL FEATURE OPTION B
SEE NOTE 7



SPECIAL FEATURE OPTION C
SEE NOTE 7



SPECIAL FEATURE OPTION D
SEE NOTE 7

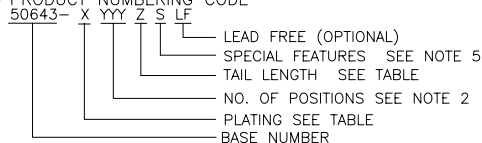
mat'l. code NOTE 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101	projection  INCH/MM scale 1:1	product family HPC	
ltr	ec	no	dr	date		tolerances unless otherwise specified		title	
U						angles linear		4 ROW R/A RECEPTACLE PRESS FIT, 1 GUIDE PIN	
						0°±2'		dwg no	
								sheet 3 of 4 size	
						dr	G.PETERS	6/10/93	
						enr	S.CLARK	6/10/93	
						chr	S.CLARK	6/10/93	
						appd	S.CLARK	6/10/93	
sheet	revision								
index	sheet								

form: A3

PRODUCT NUMBER	NUMBER OF POSITIONS NOTE 2	TAIL LENGTH	SPECIAL FEATURES SEE NOTE 7	SOLDER TAIL PLATING	CONTACT PLATING	EYELET PROTRUSION	GUIDE PINS
50643-1YYYE	YYY	.125±.010/3.18±.25	N/A	TIN-LEAD	30u"/.76u Au	N/A	NONE
50643-2YYYELF	YYY	.125±.010/3.18±.25	N/A	TIN	30u"/.76u GXT	N/A	NONE
50643-1YYYEA	YYY	.125±.010/3.18±.25	"A"	TIN-LEAD	30u"/.76u Au	N/A	NONE
50643-2YYYELF	YYY	.125±.010/3.18±.25	"A"	TIN	30u"/.76u GXT	N/A	NONE
50643-1YYYEB	YYY	.125±.010/3.18±.25	"B"	TIN-LEAD	30u"/.76u Au	.145/3.68	NONE
50643-2YYYEBLF	YYY	.125±.010/3.18±.25	"B"	TIN	30u"/.76u GXT	.145/3.68	NONE
50643-1YYYEC	YYY	.125±.010/3.18±.25	"C"	TIN-LEAD	30u"/.76u Au	.115/2.92	NONE
50643-2YYYECFLF	YYY	.125±.010/3.18±.25	"C"	TIN	30u"/.76u GXT	.115/2.92	NONE
50643-1YYYED	YYY	.125±.010/3.18±.25	"D"	TIN-LEAD	30u"/.76u Au	.115/2.92	2
50643-2YYYEDLF	YYY	.125±.010/3.18±.25	"D"	TIN	30u"/.76u GXT	.115/2.92	2
50643-1YYYF	YYY	.145±.010/3.68±.25	N/A	TIN-LEAD	30u"/.76u Au	N/A	NONE
50643-1YYYFLF	YYY	.145±.010/3.68±.25	N/A	TIN	30u"/.76u GXT	N/A	NONE
50643-1YYYFA	YYY	.145±.010/3.68±.25	"A"	TIN-LEAD	30u"/.76u Au	N/A	NONE
50643-2YYYFALF	YYY	.145±.010/3.68±.25	"A"	TIN	30u"/.76u GXT	N/A	NONE
50643-1YYYFC	YYY	.145±.010/3.68±.25	"C"	TIN-LEAD	30u"/.76u Au	.145/3.68	NONE
50643-1YYYFCLF	YYY	.145±.010/3.68±.25	"C"	TIN	30u"/.76u GXT	.145/3.68	NONE
50643-1YYYFD	YYY	.145±.010/3.68±.25	"D"	TIN-LEAD	30u"/.76u Au	.145/3.68	2
50643-1YYYFDLF	YYY	.145±.010/3.68±.25	"D"	TIN	30u"/.76u GXT	.145/3.68	2

NOTES:

①. PRODUCT NUMBERING CODE



⑧. 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]

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.

②. THIS PRODUCT IS CONFIGURED IN SIZES OF 20 thru 140 COLUMNS IN INCREMENTS OF TWO.
i.e.: 20,22,24,.....136,138,140.

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

④. DRILLED HOLE DIA. OF .0453±.001 FINISHED TO .04000±.0030
BY PLATING SnPb(60/40), .0003 - .0006 w/Cu UNDERPLATING
AS NEEDED.

⑤. MANUFACTURE'S LOGO, P/N, AND LOT CODE TO APPEAR ON THIS SURFACE.

⑥. FOR PCB STAY AWAY ZONE SEE TA-0954.

⑦. 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.

"D" = IF SPECIFIED, CONNECTOR WILL HAVE PRE-INSTALLED EYELET WITH MOLDED GUIDE PINS FOR P.C.B. ATTACHMENT IN A ϕ .120±.003 [2.54±0.07] MOUNTING HOLE. SEE SHEET 3.

mat'l. code NOTE 3				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HPC
ltr	ecr	no	dr	date	tolerances unless otherwise specified		title
U					angles linear .XX±.01/.3 .XXX±.005/.13 .XXXX±.0020/.051	INCH/MM	4 ROW R/A RECEPTACLE PRESS FIT, 1 GUIDE PIN
					0'±2'	scale 1:1	
				dr	G.PETERS 6/10/93	FCI	dwg no sheet 4 of 4 size
				enr	S.CLARK 6/10/93		50643 A3
				chr	S.CLARK 6/10/93		
				appd	S.CLARK 6/10/93		
sheet index	revision sheet						type Product Customer Drawing