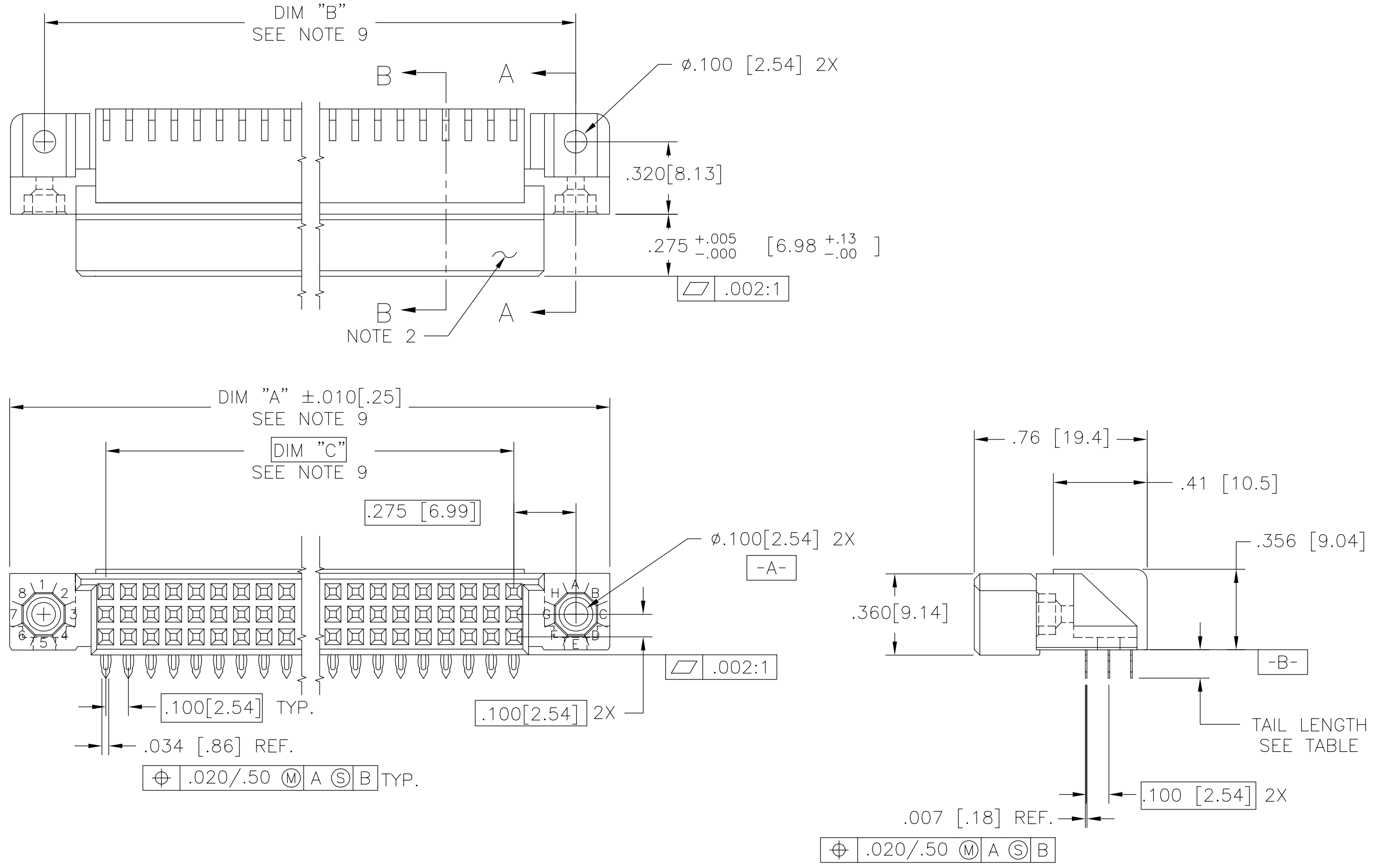
PRODUCT NUMBER
SEE TABLE



mat'l. code	surface	tolerance	projection	product family
SEE NOTE 4	ISO 1302 √	ISO 406 ISO 1101		HPC

ltr	ecn no	dr	date
K	V90001	HTB	2/15/99
L	V00268	JWS	1/31/00
M	V10826	JRW	2/7/01
N	V05–0511	DAI	8/15/05
P	V05–1054	HTB	11/17/05
R	M06–0255	MHT	7/06/06
S	M07–0099	AGS	2/08/07

tolerances unless otherwise specified

angles	linear	
		.XX±.01/.3
		.XXX±.005/.13
0°±2°		.XXXX±.0020/.051

INCH/MM

scale 1:1

dr	G.PETERS	6/19/93
engr	S.CLARK	6/19/93
chr	S.CLARK	6/19/93
appd	S.CLARK	6/19/93

title

3 ROW R/A RECEPT.
PRESS FIT, 0 GUIDE PIN

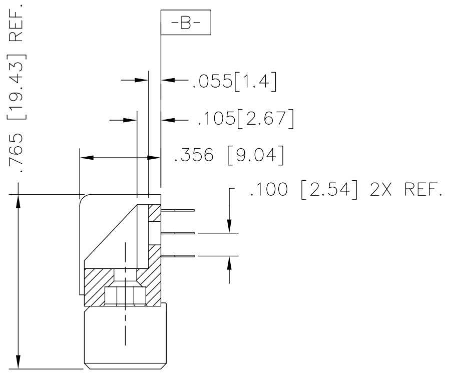
dwg no 50645 sheet 1 of 4 size A3

type Product Customer Drawing

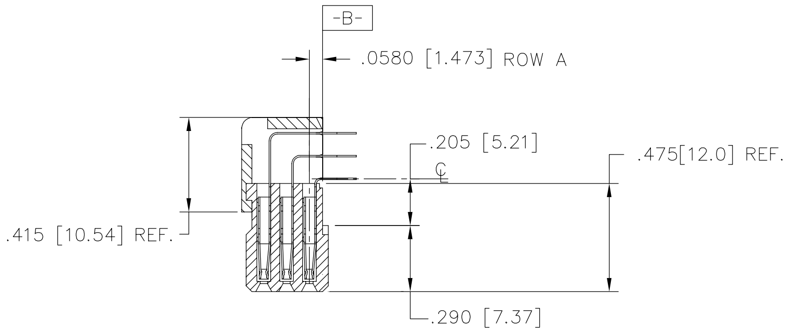
sheet index	revision	S	S	S	S
	sheet	1	2	3	4

FCIconnect.com

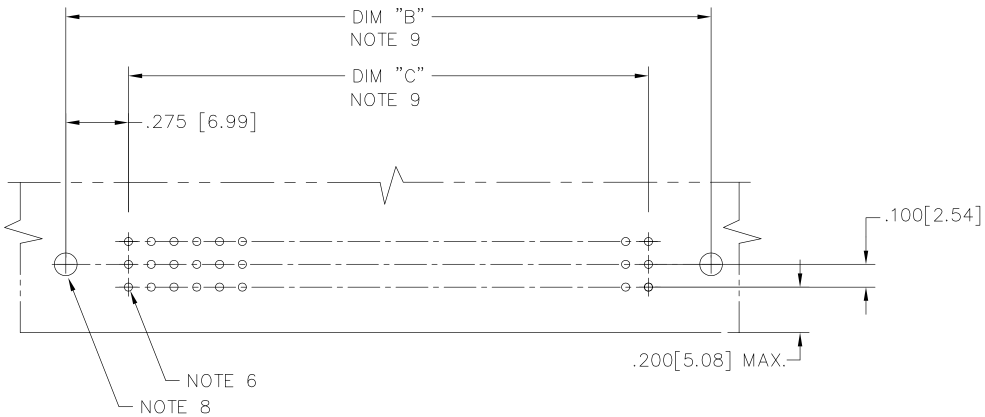
PRODUCT NUMBER
SEE TABLE



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

ltr	ecn no	dr	date
S			

surface ISO 1302 √
tolerance ISO 406 ISO 1101
tolerances unless otherwise specified
angles 0°±2°
linear .XX±.01/.3 .XXX±.005/.13 .XXXX±.0020/.051

projection
INCH/MM
scale 1:1

dr	G.PETERS	6/19/93
engr	S.CLARK	6/19/93
chr	S.CLARK	6/19/93
appd	S.CLARK	6/19/93

product family
HPC

title
3 ROW R/A RECEPT.
PRESS FIT, 0 GUIDE PIN

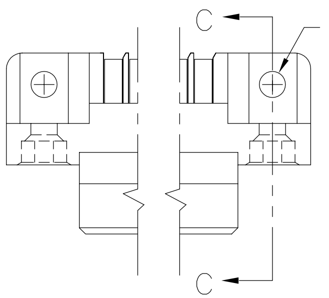
dwg no 50645
sheet 2 of 4
size A3

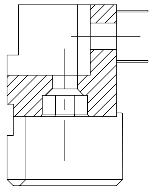
type Product Customer Drawing

sheet index
revision sheet

PDM: Rev:S STATUS: Released Printed: May 14, 2011

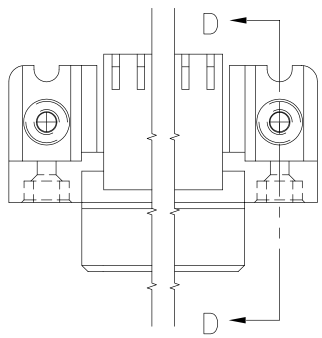
PRODUCT NUMBER
SEE TABLE



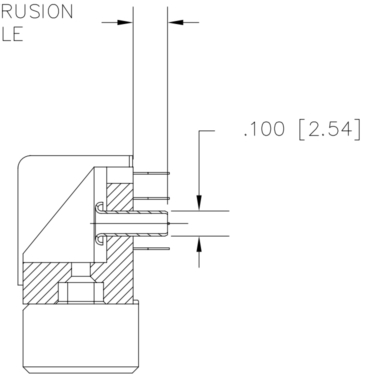


SECTION C–C

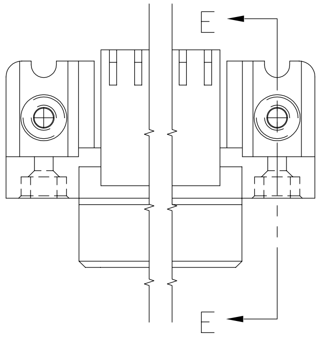
SPECIAL FEATURE OPTION A



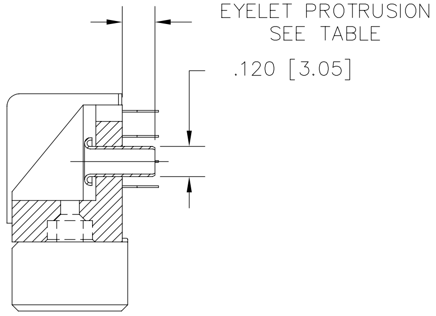
SPECIAL FEATURE OPTION B



SECTION D–D



SPECIAL FEATURE OPTION C



SECTION E–E

mat'l. code SEE NOTE 4	surface ISO 1302 √	tolerance ISO 406 ISO 1101	projection	product family HPC
ltr / ecn no / dr / date S	tolerances unless otherwise specified angles 0°±2° linear .XX±.01/.3 .XXX±.005/.13 .XXXX±.0020/.051		INCH/MM scale 1:1	title 3 ROW R/A RECEPT. PRESS FIT, 0 GUIDE PIN
	dr G.PETERS 6/19/93 engr S.CLARK 6/19/93 chr S.CLARK 6/19/93 appd S.CLARK 6/19/93			dwg no 50645 sheet 3 of 4 size A3 type Product Customer Drawing
sheet index	revision sheet			

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
50645–1YYYE	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
50645–1YYYF	YYY	.145/3.68	NONE	TIN–LEAD	30u"/.76u Au	N/A
50645–1YYYFLF	YYY	.145/3.68	NONE	TIN	30u"/.76u GXT	N/A
50645–1YYYFA	YYY	.145/3.68	"A"	TIN–LEAD	30u"/.76u Au	N/A
50645–1YYYFALF	YYY	.145/3.68	"A"	TIN	30u"/.76u GXT	N/A
50645–1YYYFC	YYY	.145/3.68	"C"	TIN–LEAD	30u"/.76u Au	.170/4.32
50645–1YYYFCLF	YYY	.145/3.68	"C"	TIN	30u"/.76u GXT	.170/4.32

NOTES:

① PRODUCT NUMBERING CODE

50645– X YYY Z S LF

- LF: LEAD FREE (OPTIONAL)
- S: SPECIAL FEATURES (NOTE 8)
- Z: TAIL LENGTH (SEE TABLE)
- YYY: NO. OF POSITIONS (SEE NOTE 3)
- X: PLATING (SEE TABLE)
- 50645–: BASE NUMBER

PRODUCT NUMBERING CODE FOR SELECT LOAD

50645– XX YYY LF

- LF: LEAD FREE (OPTIONAL)
- YYY: SEQUENCE NUMBER
- XX: ALWAYS "XX"
- 50645–: BASE NUMBER

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 TEMPERTURE THERMOPLASTIC, FLAME RETARDANT PER UL94V–O. 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 ø.120±.003 [3.05±0.07]
"A" = IF SPECIFIED, CONNECTOR WILL APPEAR AS SHOWN ON SHEET 3. PCB MOUNTING HOLE DIMENSION TO BE ø.100±.003 [2.54±0.07].
"B" = IF SPECIFIED, CONNECTOR WILL HAVE PRE–INSTALLED EYELET FOR P.C.B. ATTACHMENT IN A ø.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 ø.120±.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 –XXYYY 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 TEMPERTURE 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 3 ROW R/A RECEPT. PRESS FIT, 0 GUIDE PIN	
S	angles 0°±2°	linear	.XX±.01/.3 .XXX±.005/.13 .XXXX±.0020/.051	INCH/MM scale 1:1		
	dr	G.PETERS	6/19/93	FCI	dwg no 50645	sheet4 of 4 size A3
	engr	S.CLARK	6/19/93			
	chr	S.CLARK	6/19/93		type Product Customer Drawing	
	appd	S.CLARK	6/19/93			
sheet index	revision sheet					

Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.

Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)
Факс: 8 (812) 320-02-42
Электронная почта: org@eplast1.ru
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.