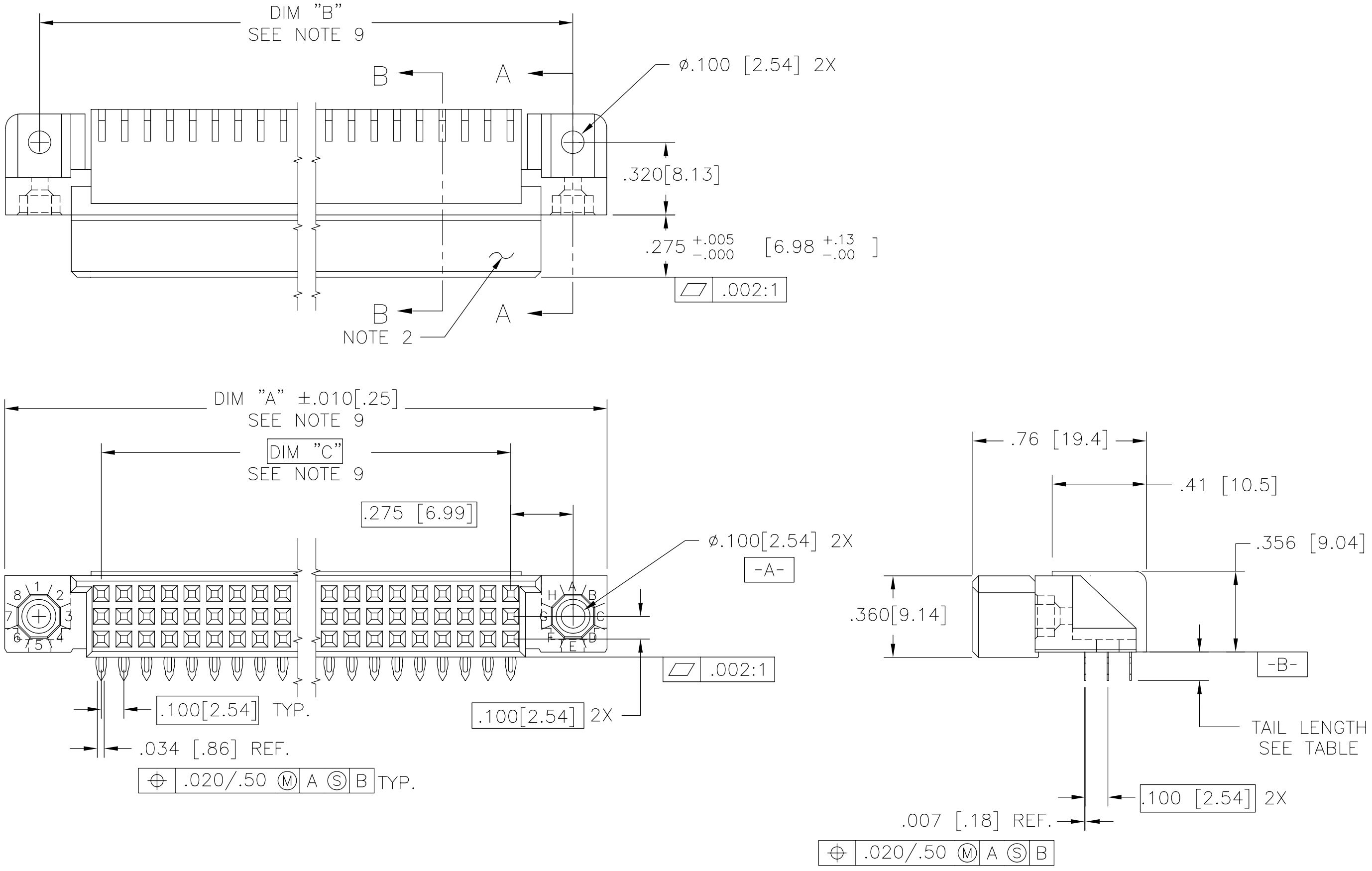
PRODUCT NUMBER
SEE TABLE



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

ltr	ecn no	dr	date	tolerances unless otherwise specified		
K	V90001	HTB	2/15/99	angles	linear	.XX±.01/.3
L	V00268	JWS	1/31/00			.XXX±.005/.13
M	V10826	JRW	2/7/01	0°±2°		.XXXX±.0020/.051
N	V05−0511	DAI	8/15/05	dr	G.PETERS	6/19/93
P	V05−1054	HTB	11/17/05	engr	S.CLARK	6/19/93
R	M06−0255	MHT	7/06/06	chr	S.CLARK	6/19/93
S	M07−0099	AGS	2/08/07	appd	S.CLARK	6/19/93

INCH/MM
scale 1:1

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

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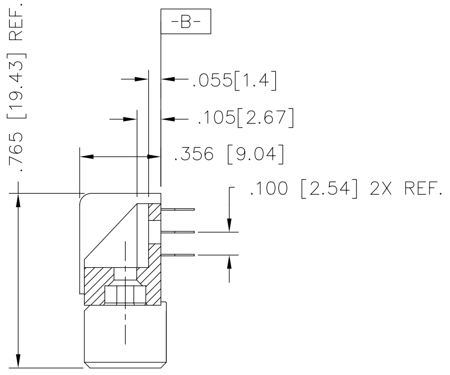
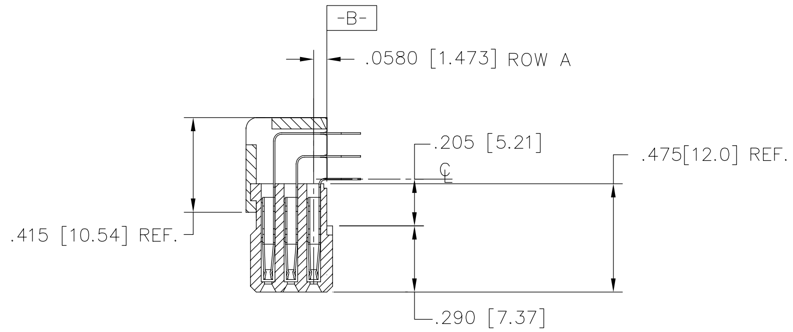
form: A3

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

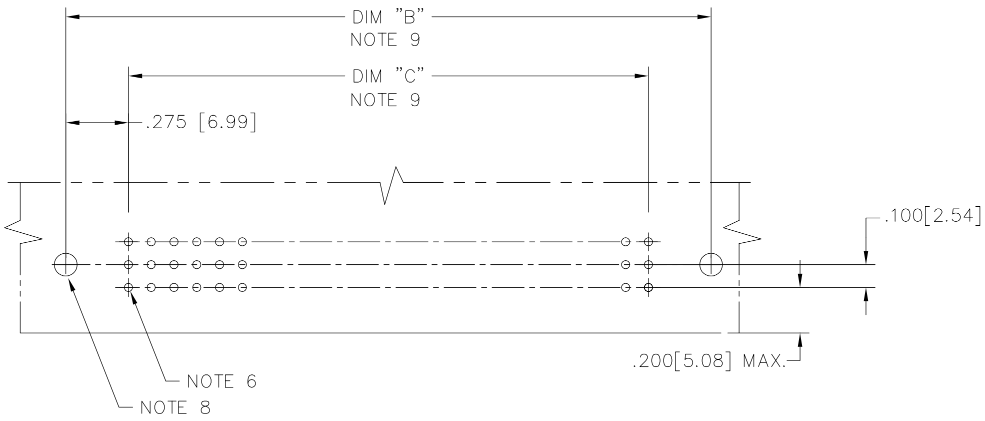
PRODUCT NUMBER
SEE TABLE



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	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		
		linear .XXX±.005/.13				
	0°±2°	linear .XXXX±.0020/.051	scale 1:1			
	dr	G.PETERS	6/19/93	dwg no 50645	sheet2 of 4	size A3
	engr	S.CLARK	6/19/93			
	chr	S.CLARK	6/19/93			
	appd	S.CLARK	6/19/93	type Product Customer Drawing		
sheet index	revision sheet					

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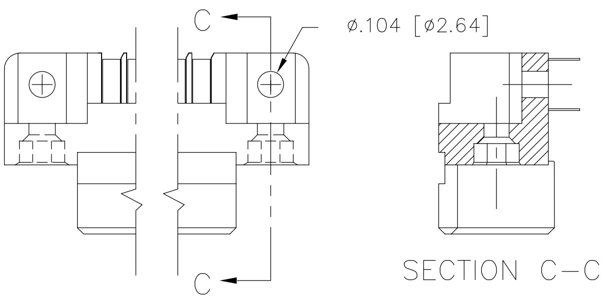
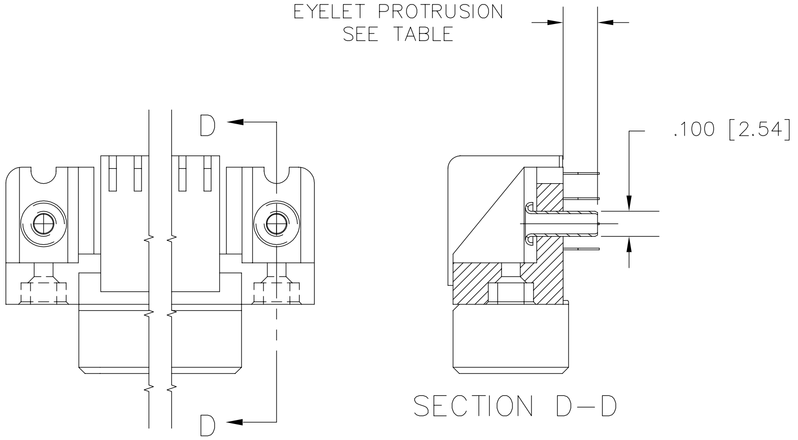
PRODUCT NUMBER
SEE TABLE



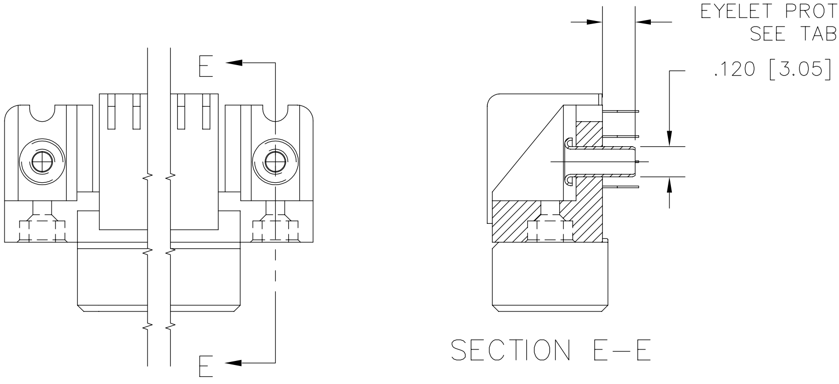
SECTION C–C

SPECIAL FEATURE OPTION A



SECTION D–D

SPECIAL FEATURE OPTION B



SECTION E–E

SPECIAL FEATURE OPTION C

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	
						.XXX±.005/.13			
				0°±2°		.XXXX±.0020/.051	scale 1:1		
				dr	G.PETERS	6/19/93		dwg no sheet3 of 4 50645	size A3
				engr	S.CLARK	6/19/93			
				chr	S.CLARK	6/19/93			
				appd	S.CLARK	6/19/93		type Product Customer Drawing	
sheet index	revision sheet								

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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
- LEAD FREE (OPTIONAL)
- SPECIAL FEATURES (NOTE 8)
- TAIL LENGTH (SEE TABLE)
- NO. OF POSITIONS (SEE NOTE 3)
- PLATING (SEE TABLE)
- BASE NUMBER

PRODUCT NUMBERING CODE FOR SELECT LOAD
50645- XX YYY LF
- LEAD FREE (OPTIONAL)
- SEQUENCE NUMBER
- ALWAYS "XX"
- 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	linear	.XX±.01/.3	INCH/MM		
			.XXX±.005/.13			
	0°±2°		.XXXX±.0020/.051	scale 1:1		
	dr	G.PETERS	6/19/93		dwg no 50645	sheet4 of 4
	engr	S.CLARK	6/19/93			size A3
	chr	S.CLARK	6/19/93		type Product Customer Drawing	
	appd	S.CLARK	6/19/93			
sheet index	revision sheet					

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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

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