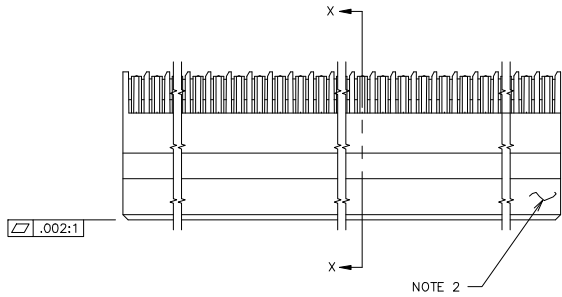
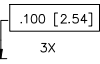
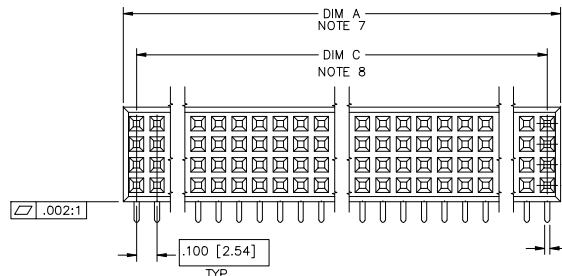


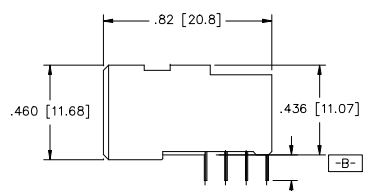
PRODUCT NUMBER
SEE TABLE



NOTE 2



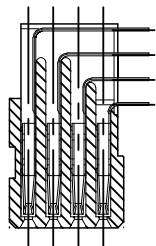
$\phi .100 \pm .020 / .51 \text{ (M) (A) (S) (B)}$
AT TIPS



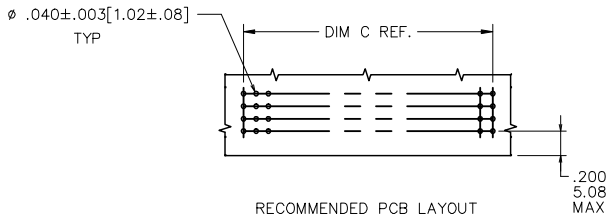
TAIL LENGTH
SEE TABLE

mal't. code				surface	tolerance	projection	product family
NOTE 4				ISO 1902	ISO 146 ISO 1001		HPC
lfr	ecr no	dr	date	tolerances unless otherwise specified		INCH/MM	title
H	V31950	PDP	11/11/95	angles	XXX.XX/XXX.XX	1:1	4 ROW R/A RECEPTACLE
J	V90157	HTB	2/19/99	linear	XXX.XX/XXX.XX	1:1	CARD CONN. STYLE, S.T.B. 0 G.P.
K	V00256	JWS	1/20/00	$\sigma \pm 2\%$	XXX.XX/XXX.XX	1:1	dwg no
L	V02769	LSS	11/21/00	dr	D. INGRAM	7/19/05	sheet 1 of 3 size
M	V05-0474	DAI	7/19/05	eng	D. HORCHLER	7/19/05	50351
N	M06-0255	AEA	7/07/06	chr	T. BREWBKER	7/19/05	A3
P	M08-0280	AGS	9/30/08	app	D. HORCHLER	7/19/05	type
sheet	revision	P	P	P			Product Customer Drawing
index	sheet	1	2	3			

PRODUCT NUMBER
SEE TABLE



SECTION X-X




RECOMMENDED PCB LAYOUT
ALL HOLES LOCATED ON .100/2.54 GRID
UNLESS OTHERWISE SPECIFIED

NOTES:

1. PRODUCT DESCRIPTION CODE:
50351 - X YYY Z LF
 - X — LEAD FREE (OPTIONAL)
 - YYY — TAIL LENGTH (SEE TABLE)
 - Z — NO OF POSITIONS (NOTE 3)
 - LF — PLATING (SEE TABLE)
 - — BASE NUMBER
- ② MANUFACTURE'S NAME, P/N, AND LOT CODE TO APPEAR ON THIS SURFACE PER BUS-12-108.
- ③ THIS PRODUCT IS CONFIGURED IN SIZES OF 10 THRU 50 COLUMNS IN INCREMENTS OF ONE.
IE: 10,11,12,13,.....49,50.
- ④ MATERIAL:
HOUSING: GLASS AND MINERAL FILLED
HIGH TEMP. THERMOPLASTIC. FLAME RETARDANT
PER UL94V-0. COLOR: BLACK.
CONTACT: BeCu
5. PLATING:
CONTACT AREA - SEE PRODUCT NUMBER TABLE
TAILS - EITHER TIN OR TIN-LEAD, SEE PRODUCT NUMBER TABLE
6. DIMENSION "A" CALCULATION = .100(2.54) X NO. OF COLUMNS + .030(0.76)
- ⑦ DIMENSION "C" CALCULATION = .100(2.54) X NO. OF COLUMNS - .100(2.54)
- ⑧ ALL POSITIONS ARE LOADED EXCEPT FOR -XXXXY ASSEMBLIES WHICH HAVE SELECTIVE LOADING.
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.
- ⑪ PLATING OPTION:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

mal't. code		surface		tolerance	projection	product family	
NOTE 4		ISO 1902		ISO 406 ISO 1001		HPC	
lfr	ecn no	dr	date	tolerances unless otherwise specified		title	
P				angles	linear	4 ROW R/A RECEPTACLE	
				o±z	linear	CARD CONN. STYLE, S.T.B. 0 G.P.	
				dr	linear	scale 1:1	
				enr	linear	dwg no	
				chr	linear	sheet 2 of 3 size	
				appd	linear	50351 A3	
sheet	revision					type Product Customer Drawing	
index	sheet						

PRODUCT NUMBER	NUMBER OF POSITIONS NOTE 1	TAIL LENGTH	SOLDER TAIL PLATING	SOLDER TAIL PLATING NOTE 11
50351-1YYYYE	YYY	.125±.010/3.18±.25	TIN-LEAD	30u"/.76u GOLD
50351-1YYYYF	YYY	.145±.010/3.68±.25	TIN-LEAD	30u"/.76u GOLD
50351-1YYYYH	YYY	.180±.010/4.57±.25	TIN-LEAD	30u"/.76u GOLD
50351-5YYYYE	YYY	.125±.010/3.18±.25	TIN-LEAD	30u"/.76u GXT
50351-5YYYYFLF	YYY	.125±.010/3.18±.25	TIN	30u"/.76u GXT
50351-5YYYYF	YYY	.145±.010/3.68±.25	TIN-LEAD	30u"/.76u GXT
50351-5YYYYFLF	YYY	.145±.010/3.68±.25	TIN	30u"/.76u GXT
50351-5YYYYH	YYY	.180±.010/4.57±.25	TIN-LEAD	30u"/.76u GXT
50351-5YYYYHLF	YYY	.180±.010/4.57±.25	TIN	30u"/.76u GXT

mal't. code		surface		tolerance		projection		product family	
NOTE 4		ISO 1902		ISO 406 ISO 1001				HPC	
itr		ecn no		date		INCH/MM		title	
P								4 ROW R/A RECEPTACLE CARD CONN. STYLE, S.T.B. 0 G.P.	
		angles		linear		scale		dwg no	
		0±2°		.0010/1±0.3 .001±0.05/0±0.13 .000±0.000/0±0.051		1:1		sheet 3 of 3 size	
		dr		D. INGRAM		7/19/05		50351	
		eng		D. HORCHLER		7/19/05		A3	
		chr		T. BREWBKER		7/19/05		type	
		appd		D. HORCHLER		7/19/05		Product Customer Drawing	
sheet index		revision sheet							



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