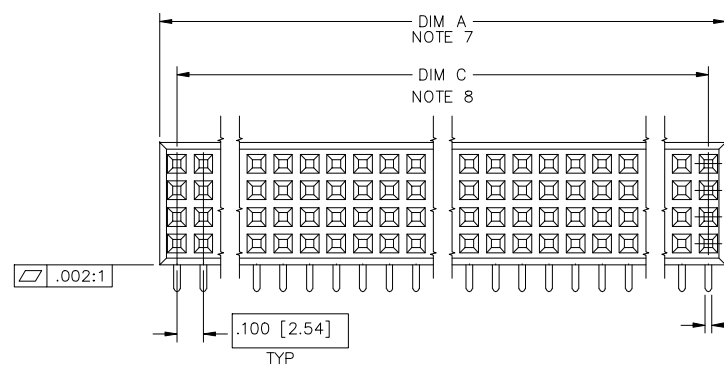
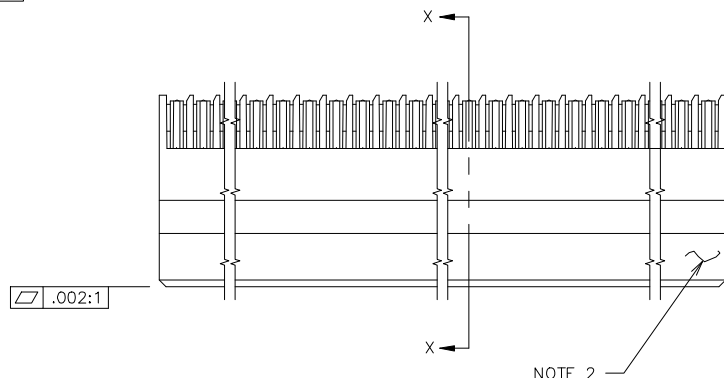
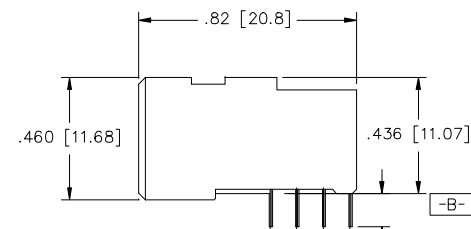


PRODUCT NUMBER
SEE TABLE



.100 [2.54]
3X



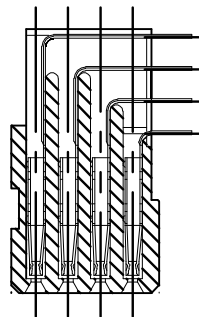
TAIL LENGTH
SEE TABLE

⌀ .020/.51 (M) A (S) B
AT TIPS

mat'l. code NOTE 4				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family HPC
ltr	ecn no	dr	date	tolerances unless otherwise specified		 INCH/MM scale 1:1	title
H	V31950	PDP	11/11/95	angles	linear		4 ROW R/A RECEPTACLE
J	V90157	HTB	2/19/99	linear	linear		CARD CONN. STYLE, S.T.B. 0 G.P.
K	V00256	JWS	1/20/00	σ±2'	linear		
L	V02769	LSS	11/21/00	dr	D. INGRAM	7/19/05	dwg no
M	V05-0474	DAI	7/19/05	engr	D. HORCHLER	7/19/05	sheet 1 of 3
N	M06-0255	AEA	7/07/06	chr	T. BREWBKER	7/19/05	size
P	M08-0280	AGS	9/30/08	appd	D. HORCHLER	7/19/05	A3
sheet	revision	P	P	P			type
index	sheet	1	2	3			Product Customer Drawing

PRODUCT NUMBER

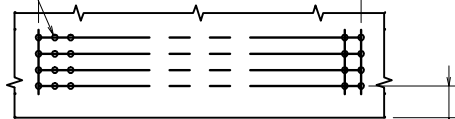
SEE TABLE



SECTION X-X

$\varnothing .040 \pm .003 [1.02 \pm .08]$
TYP

DIM C REF.



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

NOTES:

1. PRODUCT DESCRIPTION CODE:
50351 - X YYY Z LF
 - LEAD FREE (OPTIONAL)
 - TAIL LENGTH (SEE TABLE)
 - NO OF POSITIONS (NOTE 3)
 - 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 = $.100(2.54) \times \text{NO. OF COLUMNS} + .030(0.76)$
- ⑦ DIMENSION "C" CALCULATION = $.100(2.54) \times \text{NO. OF COLUMNS} - .100(2.54)$
- ⑧ ALL POSITIONS ARE LOADED EXCEPT FOR -XXYYY 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.

mat'l. code NOTE 4				surface ISO 1902 ☒	tolerance ISO 406 ISO 1901	projection 	product family HPC
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM scale 1:1	title 4 ROW R/A RECEPTACLE CARD CONN. STYLE, S.T.B. 0 G.P.
P				angles	linear		
				dr	D. INGRAM	7/19/05	dwg no 50351 sheet 2 of 3 size A3
				engr	D. HORCHLER	7/19/05	
				chr	T. BREWBKER	7/19/05	
				appd	D. HORCHLER	7/19/05	
sheet index	revision sheet						type Product Customer Drawing

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
50351-5YYYELF	YYY	.125±.010/3.18±.25	TIN	30u"/.76u GXT
50351-5YYYYF	YYY	.145±.010/3.68±.25	TIN-LEAD	30u"/.76u GXT
50351-5YYYFLF	YYY	.145±.010/3.68±.25	TIN	30u"/.76u GXT
50351-5YYYYH	YYY	.180±.010/4.57±.25	TIN-LEAD	30u"/.76u GXT
50351-5YYYHLF	YYY	.180±.010/4.57±.25	TIN	30u"/.76u GXT

mat'l. code NOTE 4				surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family HPC
ltr	ecp no	dr	date	tolerances unless otherwise specified		INCH/MM 	title 4 ROW R/A RECEPTACLE CARD CONN. STYLE, S.T.B. 0 G.P.
P				angles	linear		
				0°±2'	linear		
						scale 1:1	
				dr	D. INGRAM	7/19/05	 dwg no 50351 sheet 3 of 3 size A3
				engr	D. HORCHLER	7/19/05	
				chr	T. BREWBKER	7/19/05	
				appd	D. HORCHLER	7/19/05	
sheet index	revision sheet						type Product Customer Drawing