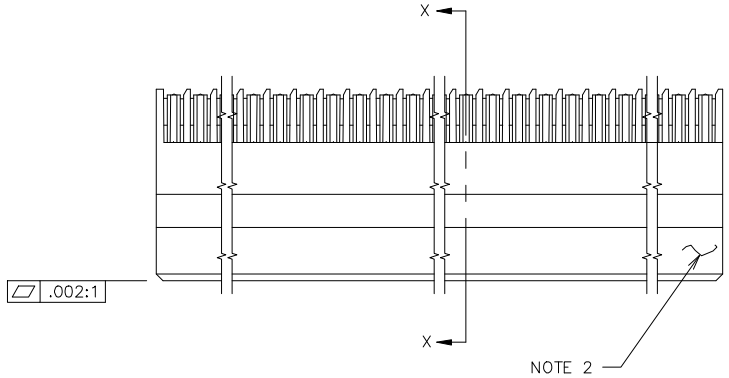
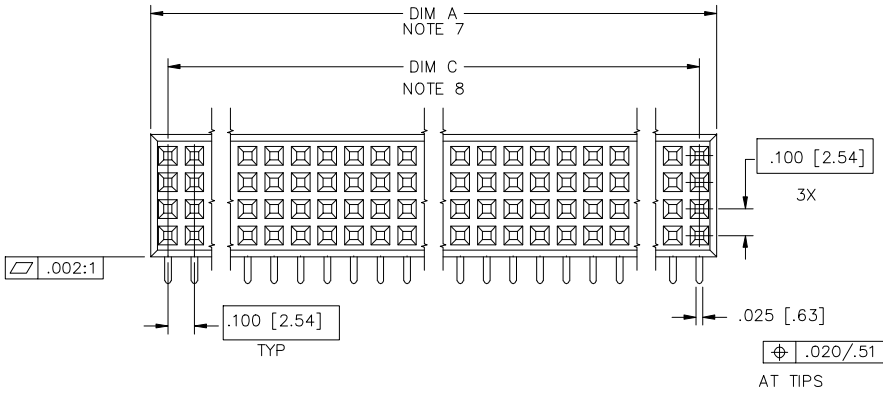
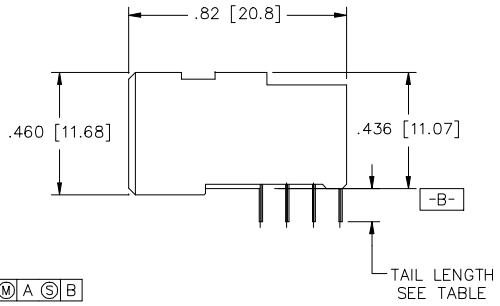
PRODUCT NUMBER
SEE TABLE

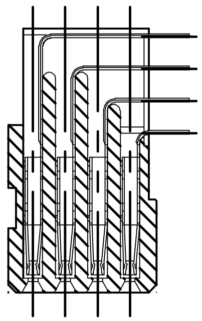




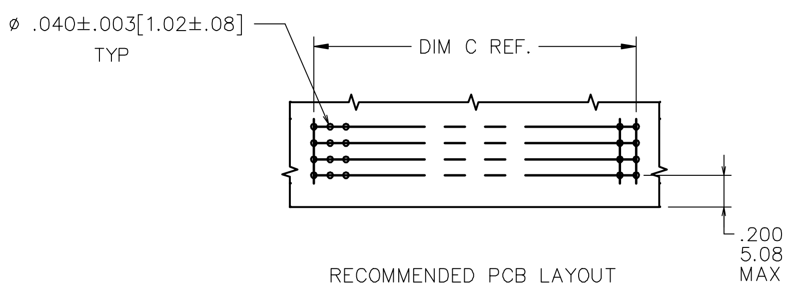


mat'l code				surface	tolerance	projection	product family
NOTE 4				ISO 1302	ISO 406 ISO 1101		HPC
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
H	V31950	PDP	11/11/95	angles	linear .XX±.01/.X±0.3	INCH/MM	4 ROW R/A RECEPTACLE
J	V90157	HTB	2/19/99		.XXX±.005/.XX±0.13		CARD CONN. STYLE, S.T.B. 0 G.P.
K	V00256	JWS	1/20/00	0°±2°	.XXXX±.0020/.XXX±0.051	scale 1:1	
L	V02769	LSS	11/21/00	dr D. INGRAM 7/19/05			dwg no 50351 sheet 1 of 3 size A3
M	V05-0474	DAI	7/19/05	engr D. HORCHLER 7/19/05			
N	M06-0255	AEA	7/07/06	chr T. BREWBKER 7/19/05			type Product Customer Drawing
P	M08-0280	AGS	9/30/08	appd D. HORCHLER 7/19/05			
sheet	revision	P	P	P			
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
   - LF — LEAD FREE (OPTIONAL)
   - Z — TAIL LENGTH (SEE TABLE)
   - YYY — NO OF POSITIONS (NOTE 3)
   - X — PLATING (SEE TABLE)
   - 50351 — 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 –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 TEMPERTURE 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 1302 √
tolerance	ISO 406 / ISO 1101
tolerances unless otherwise specified	angles 0°±2°; linear .XX±.01/.X±0.3, .XXX±.005/.XX±0.13, .XXXX±.0020/.XXX±0.051
projection	INCH/MM
scale	1:1
product family	HPC
title	4 ROW R/A RECEPTACLE CARD CONN. STYLE, S.T.B. 0 G.P.
dwg no	50351
sheet	2 of 3
size	A3
type	Product Customer Drawing

ltr	ecn no	dr	date
P			

dr	D. INGRAM	7/19/05
engr	D. HORCHLER	7/19/05
chr	T. BREWBKER	7/19/05
appd	D. HORCHLER	7/19/05

sheet index | revision sheet

form: A3

PRODUCT NUMBER	NUMBER OF POSITIONS NOTE 1	TAIL LENGTH	SOLDER TAIL PLATING	SOLDER TAIL PLATING NOTE 11
50351-1YYYE	YYY	.125±.010/3.18±.25	TIN-LEAD	30u"/.76u GOLD
50351-1YYYF	YYY	.145±.010/3.68±.25	TIN-LEAD	30u"/.76u GOLD
50351-1YYYH	YYY	.180±.010/4.57±.25	TIN-LEAD	30u"/.76u GOLD
50351-5YYYE	YYY	.125±.010/3.18±.25	TIN-LEAD	30u"/.76u GXT
50351-5YYYELF	YYY	.125±.010/3.18±.25	TIN	30u"/.76u GXT
50351-5YYYF	YYY	.145±.010/3.68±.25	TIN-LEAD	30u"/.76u GXT
50351-5YYYFLF	YYY	.145±.010/3.68±.25	TIN	30u"/.76u GXT
50351-5YYYH	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
	tolerances unless otherwise specified		
ltr / ecn no / dr / date: P	angles: 0°±2°	linear: .XX±.01/.X±0.3; .XXX±.005/.XX±0.13; .XXXX±.0020/.XXX±0.051	INCH/MM
			scale 1:1
	dr: D. INGRAM 7/19/05		
	engr: D. HORCHLER 7/19/05		
	chr: T. BREWBKER 7/19/05		
	appd: D. HORCHLER 7/19/05		
sheet index / revision sheet			

product family	HPC
title	4 ROW R/A RECEPTACLE CARD CONN. STYLE, S.T.B. 0 G.P.
dwg no	50351
sheet	3 of 3
size	A3
type	Product Customer Drawing

form: A3