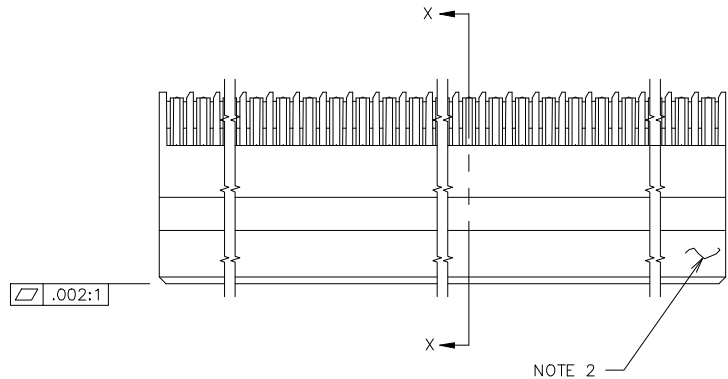
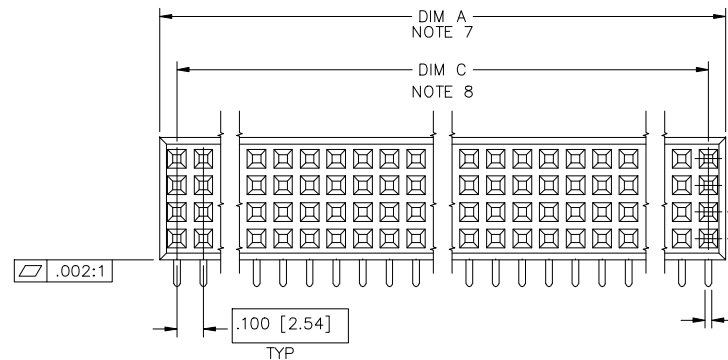


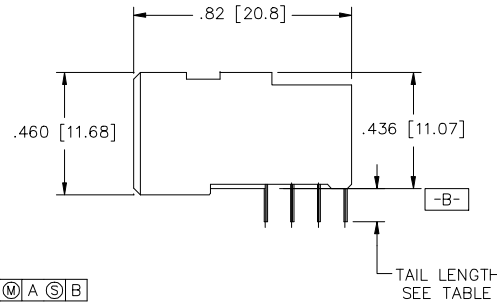
PRODUCT NUMBER
SEE TABLE



NOTE 2



ϕ .020/.51 $\text{\textcircled{M}}$ A $\text{\textcircled{C}}$ B
AT TIPS



TAIL LENGTH
SEE TABLE

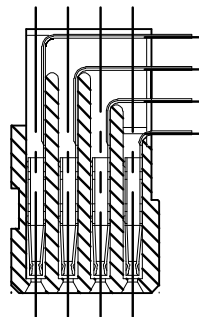


Copyright FCI

mat'l. code				surface		tolerance		projection		product family		
NOTE 4				ISO 1302		ISO 406		ISO 1501		HPC		
ltr	ecn no	dr	date	tolerances unless otherwise specified								
H	V31950	PDP	11/11/95	angles	XX±.01/XX±.03		INCH/MM		title			
J	V90157	HTB	2/19/99	linear	XXX±.006/XX±.013		↔		4 ROW R/A RECEPTACLE			
K	V00256	JWS	1/20/00	σ±z	.XXX±.0020/.XXX±.0051		scale 1:1		CARD CONN. STYLE, S.T.B. 0 G.P.			
L	V02769	LSS	11/21/00	dr	D. INGRAM	7/19/05	FCI		dwg no		sheet 1 of 3	size
M	V05-0474	DAI	7/19/05	engr	D. HORCHLER	7/19/05			50351		A3	
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								

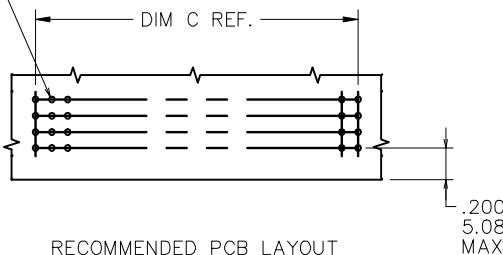
form A3

PRODUCT NUMBER
SEE TABLE



SECTION X-X

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



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

NOTES:

1. PRODUCT DESCRIPTION CODE:
50351 - X YYY Z LF
 - 50351: PRODUCT DESCRIPTION CODE
 - X: LEAD FREE (OPTIONAL)
 - YYY: TAIL LENGTH (SEE TABLE)
 - Z: NO OF POSITIONS (NOTE 3)
 - LF: PLATING (SEE TABLE)
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				surface	tolerance	projection	product family
NOTE 4				ISO 1302	ISO 406		HPC
				ISO 1101	ISO 1101		title
ltr	ecn no	dr	date	tolerances unless otherwise specified			4 ROW R/A RECEPTACLE
P				angles	linear		CARD CONN. STYLE, S.T.B. 0 G.P.
					$.XX \pm .01 / .XX \pm 0.3$	scale 1:1	dwg no
				$\sigma \pm 2$	$.XXX \pm .005 / .XX \pm 0.13$		sheet 2 of 3
					$.XXX \pm .0020 / .XXX \pm 0.051$		size
				dr	D. INGRAM 7/19/05		A3
				engr	D. HORCHLER 7/19/05		type
				chr	T. BREWBKER 7/19/05	Product Customer Drawing	
				appd	D. HORCHLER 7/19/05		
sheet	revision						
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
50351-5YYYYELF	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



FCIconnect.com

Copyright FCI

mat'l. code		surface		tolerance		projection		product family	
NOTE 4		ISO 1302		ISO 406				HPC	
ltr	ecp no	dr	date	tolerances unless otherwise specified					
P				angles	linear		INCH/MM		title
					.XX±.01/XX±0.3				4 ROW R/A RECEPTACLE
				0±2'	.XXX±.005/XX±0.13		scale 1:1		CARD CONN. STYLE, S.T.B. 0 G.P.
					.XXX±.0020/XXX±0.051				
		dr	D. INGRAM	7/19/05					dwg no
		engr	D. HORCHLER	7/19/05					sheet 3 of 3
		chr	T. BREWBKER	7/19/05					size
		appd	D. HORCHLER	7/19/05					A3
sheet		revision							
index		sheet							

