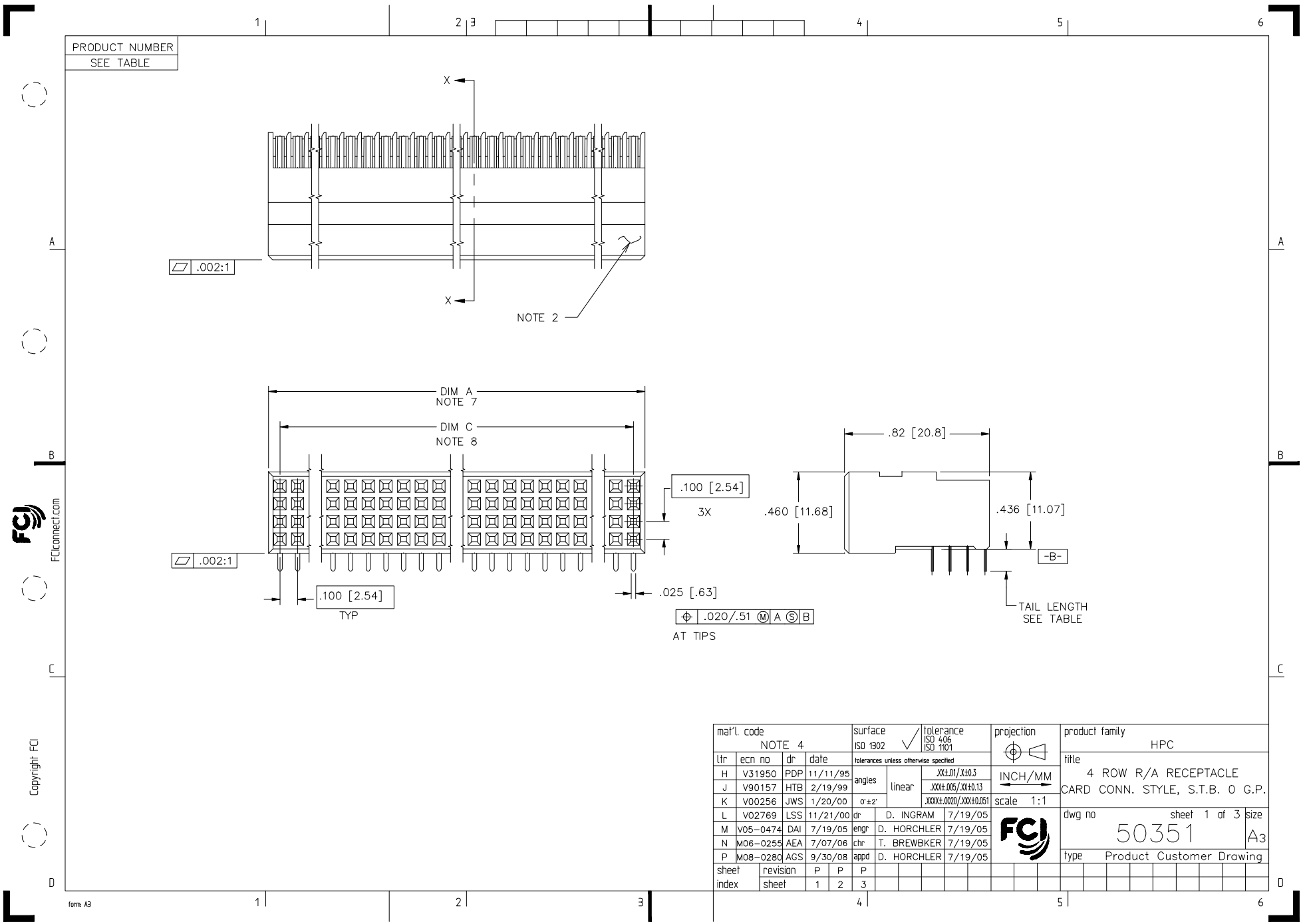
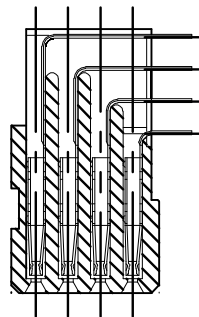




PRODUCT NUMBER

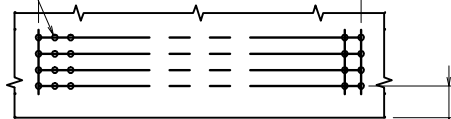
SEE TABLE



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:

- 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
- MANUFACTURE'S NAME, P/N, AND LOT CODE TO APPEAR ON THIS SURFACE PER BUS-12-108.
- THIS PRODUCT IS CONFIGURED IN SIZES OF 10 THRU 50 COLUMNS IN INCREMENTS OF ONE.
IE: 10,11,12,13,.....49,50.
- MATERIAL:
HOUSING: GLASS AND MINERAL FILLED
HIGH TEMP. THERMOPLASTIC. FLAME RETARDANT
PER UL94V-0. COLOR: BLACK.
CONTACT: BeCu
- PLATING:
CONTACT AREA - SEE PRODUCT NUMBER TABLE
TAILS - EITHER TIN OR TIN-LEAD, SEE PRODUCT NUMBER TABLE
- DIMENSION "A" CALCULATION = $.100(2.54) \times \text{NO. OF COLUMNS} + .030(0.76)$
- DIMENSION "C" CALCULATION = $.100(2.54) \times \text{NO. OF COLUMNS} - .100(2.54)$
- ALL POSITIONS ARE LOADED EXCEPT FOR -XXYYY ASSEMBLIES WHICH HAVE SELECTIVE LOADING.
- THIS PRODUCT (WITH "LF" SUFFIX) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THIS HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10-30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- 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	title 4 ROW R/A RECEPTACLE CARD CONN. STYLE, S.T.B. 0 G.P.
P				angles	linear		
						scale 1:1	
				dr	D. INGRAM	7/19/05	dwg no
				engr	D. HORCHLER	7/19/05	sheet 2 of 3
				chr	T. BREWBKER	7/19/05	size
				appd	D. HORCHLER	7/19/05	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
50351-5YYYELF	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 1902 ☒		tolerance ISO 406 ISO 1101		projection 		product family HPC			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
P				angles		linear		INCH/MM		4 ROW R/A RECEPTACLE			
								scale 1:1		CARD CONN. STYLE, S.T.B. 0 G.P.			
				0°±2'						dwg no 50351 sheet 3 of 3 size A3			
				dr	D. INGRAM	7/19/05			type Product Customer Drawing				
			engr	D. HORCHLER	7/19/05								
			chr	T. BREWBKER	7/19/05								
				appd	D. HORCHLER	7/19/05							
sheet index	revision sheet												

Mouser Electronics

Authorized Distributor

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[50351-1160E](#) [50351-1168E](#) [50351-1180E](#) [50351-5108E](#) [50351-5180H](#) [50351-5200E](#) [50351-5200H](#) [50351-5044ELF](#)
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