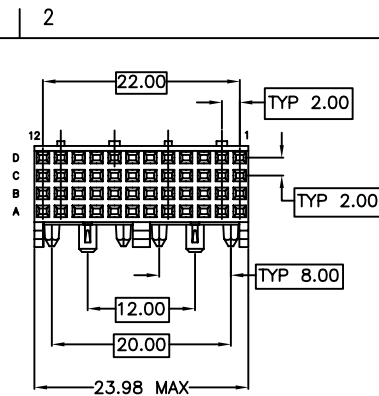
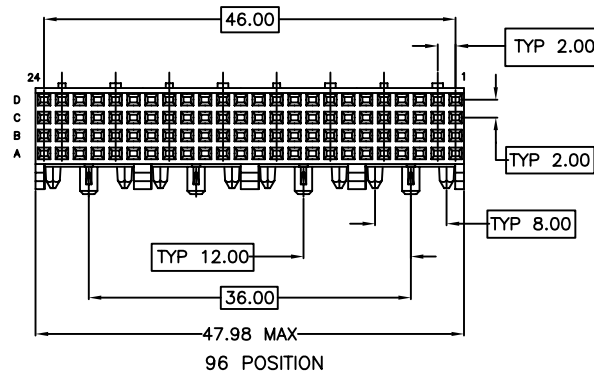


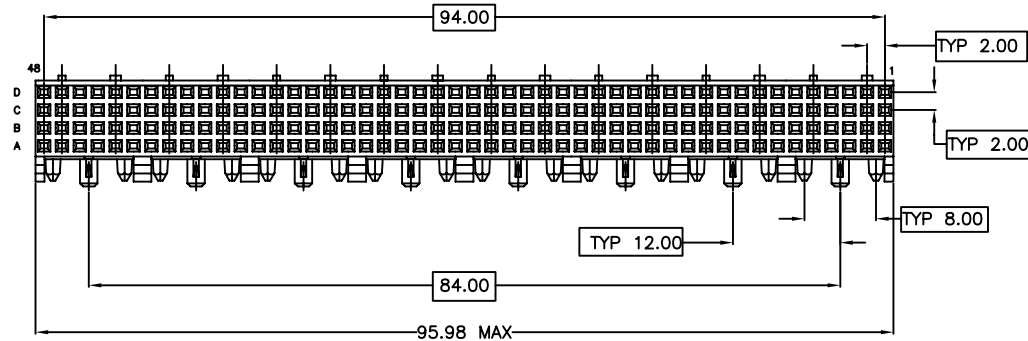
24 POSITION



48 POSITION



96 POSITION



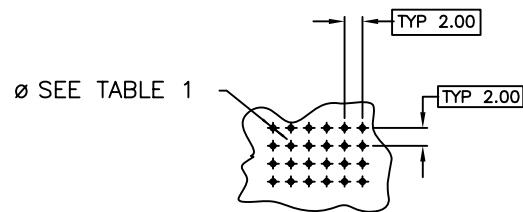
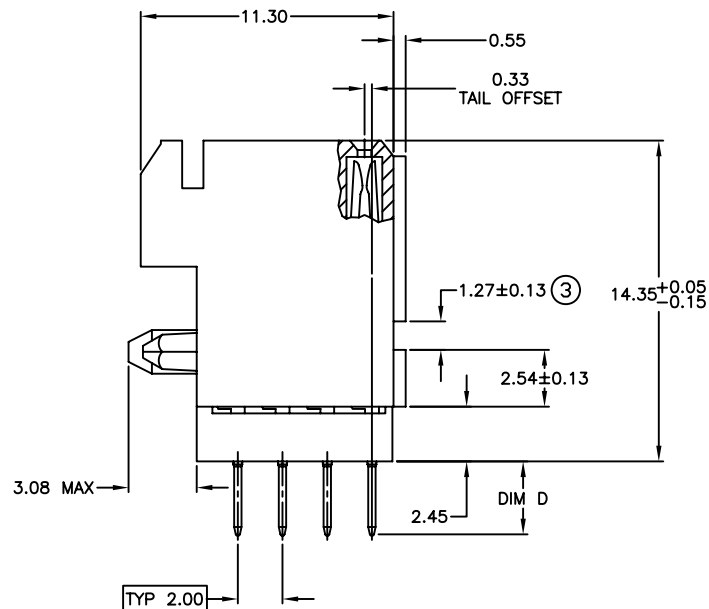
192 POSITION

NOTES: UNLESS OTHERWISE SPECIFIED;

- CONNECTOR MATERIALS:
HOUSING: GLASS FILLED THERMOPLASTIC,
UL94-V0 COMPLIANT.
TERMINAL: PHOSPHOR BRONZE ALLOY
- CONTACT FINISH:
PERFORMANCE LEVEL 6 = 0.75 MICRONS [30 MICROINCHES] MIN GOLD IN MATING AREA,
0.51 MICRONS [20 MICROINCHES] MIN TIN LEAD ON CONTACT TAILS,
1.91 MICRONS [75 MICROINCHES] MIN NICKEL ALL OVER.
- FEATURE MAY OR MAY NOT BE PRESENT DEPENDING UPON THE MOLD TOOL USED TO PRODUCE PRODUCT.

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	A FCI www.fciconnect.com		
ltr	ecn no	dr	date				projection	title	
F	V12575	TAB	10/25/01	linear	.X ±.3			F SERIES STRAIGHT RECEPTACLE ASSY, 4 ROW, STB	
G	V05-0455	VS	07/14/05	angles	.XX ±.13				
					.XXX ±.051				
					0° ±2°				
				dr	V. SEBASTIAN 07/14/05			product family	METRAL
				enr	J. VOLSTROF 07/14/05			size	dwg no
				chr	J. VOLSTROF 07/14/05			A	SE95240
				appd	J. VOLSTROF 07/14/05			scale	4:1
sheet index	revision sheet	G	G						
		1	2						

cage code
22526



RECOMMENDED PC BOARD LAYOUT,
COMPONENT SIDE

CATALOG NUMBER DESCRIPTION	
HM1 S 4 - F - R 000 H 6	
PRODUCT FAMILY HM1 = METRAL HM1	PERFORMANCE LEVEL 6 = 125 OPERATIONS + 10 DAYS MIXED GAS + 125 OPERATIONS
PRODUCT TYPE S = FEMALE SIGNAL, STRAIGHT	INSULATING MATERIAL H = HIGH TEMPERATURE MATERIAL
NUMBER OF ROWS 4 = 4 ROW	VARIATIONS 000 = STANDARD
BODY LENGTH 1 = 12 mm (24 POSITION SIGNAL) 2 = 24 mm (48 POSITION SIGNAL) 3 = 48 mm (96 POSITION SIGNAL) 4 = 96 mm (192 POSITION SIGNAL)	BOARD ATTACHMENT R = STANDARD STRAIGHT
MATING CONTACT F = FLAT FEMALE	PCB TERMINATION TYPE R = SOLDER TAIL, DIM D = 3.30±0.30 S = SOLDER TAIL, DIM D = 4.10±0.30

TABLE 1	
PLATED THROUGH HOLE REQUIREMENTS	
DRILL DIAMETER:	ø 0.85
DRILLED HOLE	ø 0.81-0.86
COPPER PLATING	25-50 MICROMETERS
TIN-LEAD PLATING	5-15 MICROMETERS
FINISHED HOLE ø (AFTER REFLOW)	0.65-0.80
TYP LAND SIZE	ø 1.15

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	FCI	
ltr	ecn no	dr	date	linear	angular		title	www.fciconnect.com
G				.X ±.3	.XX ±.13	projection	F SERIES STRAIGHT RECEPTACLE ASSY, 4 ROW, STB	
				.XXX ±.051	0° ±2°	MM	product family METRAL	code 213
				dr V. SEBASTIAN 07/14/05	engr J. VOLSTROF 07/14/05	scale 10:1	size dwg no A SE95240	sheet 2 of 2
				chr J. VOLSTROF 07/14/05	appd J. VOLSTROF 07/14/05			
sheet index	revision sheet							