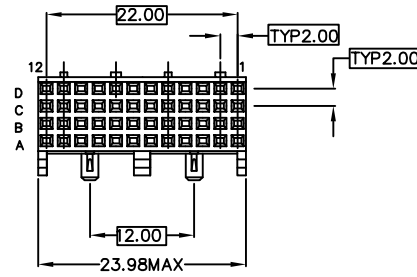
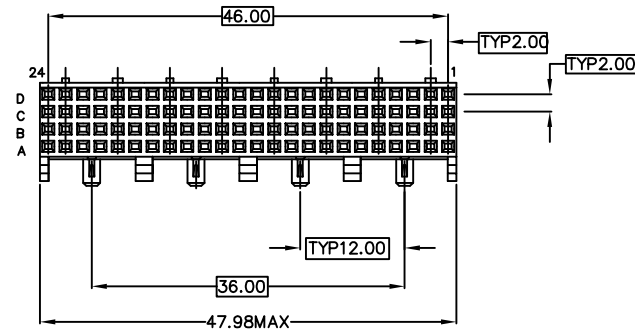


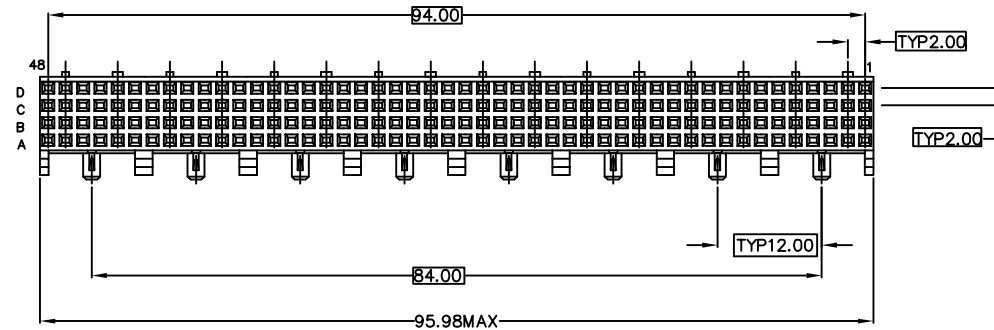
24 POSITION



48 POSITION



96 POSITION

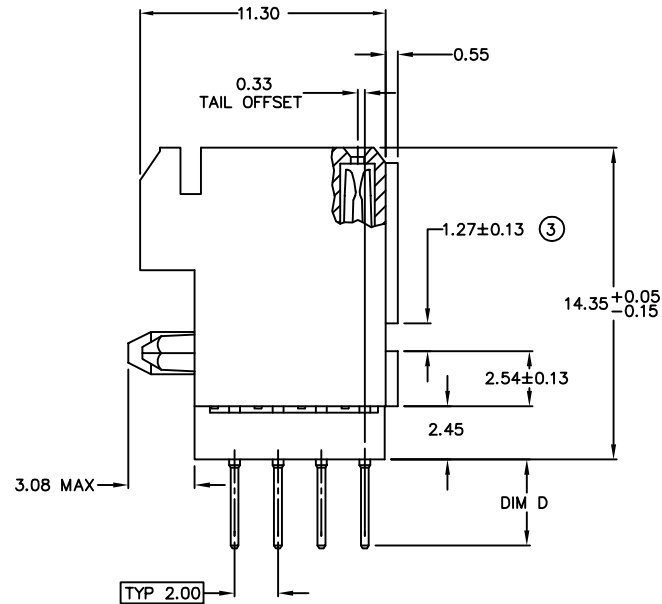


192 POSITION

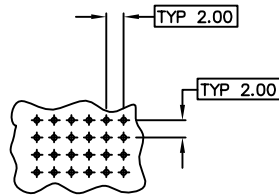
NOTES: UNLESS OTHERWISE SPECIFIED:

- 1 CONNECTOR MATERIALS:
HOUSING: GLASS FILLED THERMOPLASTIC,
UL94-V0 COMPLIANT.
TERMINAL: PHOSPHOR BRONZE ALLOY
- 2 PACKED IN TUBES.
- ③ FEATURE MAY OR MAY NOT BE PRESENT DEPENDING UPON THE MOLD TOOL USED TO PRODUCE PRODUCT.
- 4 PRODUCT SPECIFICATION: GS-12-177.
- 5 APPLICATION SPECIFICATION: GS-20-015.
- 6 THE PRODUCTS WHERE THE PART NUMBER ENDS IN "LF" MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- 7 ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRARED OR VAPOR PHASE REFLOW OVEN.
- 8 LOCATION PEGS ONLY EXISTED IN ONE MODULE TYPE.

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	 www.fciconnect.com		
ltr	ecn no	dr	date	linear	angular				
F	V04-1124	TAB	02/04/05	linear	.NONE ±3[±.1]	projection	title T SERIES STRAIGHT RECEPTACLE ASSY, 4 ROW, STB		
G	V05-0438	VS	07/14/05		.XX±.13[.005]				
H	DG06-0501	Kason	12/01/06	angles	0° ±1°	MM	product family METRAL size dwg no A SE96860		
J	DG08-0173	TER	7/11/08	dr	V. SEBASTIAN 07/14/05	scale			
				enr	J. VOLSTROF 07/14/05	4:1	code 213 sheet 1 of 2		
				chr	J. VOLSTROF 07/14/05				
				appd	J. VOLSTROF 07/14/05		cage code 22526		
sheet index	revision sheet	J	J						
		1	2						



RECOMMENDED PC BOARD LAYOUT,
COMPONENT SIDE
SEE PRINT 58351 FOR ADDITIONAL
PCB INFORMATION



CATALOG NUMBER DESCRIPTION

PRODUCT FAMILY
HM1 = METRAL HM1

PRODUCT TYPE
S = FEMALE SIGNAL, STRAIGHT

NUMBER OF ROWS
4 = 4 ROW

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)

MATING CONTACT
T = TWISTED FEMALE

LF = LEAD FREE Sn PLATING ON TAILS

PERFORMANCE LEVEL
SEE TABLE 2

INSULATING MATERIAL
H = HIGH TEMPERATURE MATERIAL

VARIATIONS
000 = STANDARD

BOARD ATTACHMENT
R = STANDARD STRAIGHT

PCB TERMINATION TYPE
R = SOLDER TAIL, DIM D = 3.30±0.30
S = SOLDER TAIL, DIM D = 4.10±0.30

TABLE 2

CODE	CONTACT AREA	PERFORMANCE LEVEL
6	0.75um Au min over 1.3um Ni min or 0.68um PdNi min +0.08um Au min over 1.3um Ni min	TELCORDIA CO

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	FCI			
ltr	ecn no	dr	date	linear	angles		www.fciconnect.com			
J				.NONE ±3[±.1]		projection	title T SERIES STRAIGHT RECEPTACLE ASSY, 4 ROW, STB			
				.X ±.5[.02]		MM				
				.XX ±13[.005]		scale	product family METRAL			
				0° ±1°		10:1	size dwg no			
				dr V. SEBASTIAN 07/14/05			code			
				enr J. VOLSTROF 07/14/05			213			
				chr J. VOLSTROF 07/14/05			sheet			
				appd J. VOLSTROF 07/14/05			2 of 2			
sheet index	revision sheet									

cage code
22526