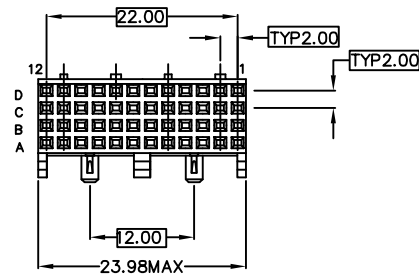
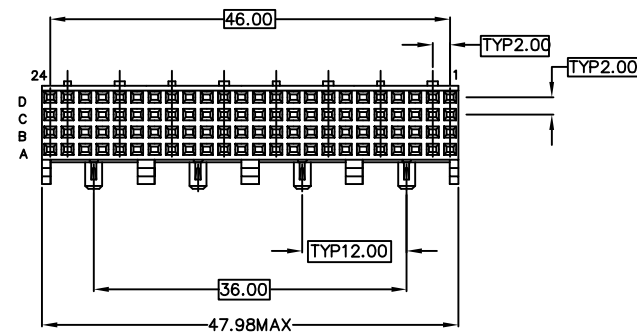


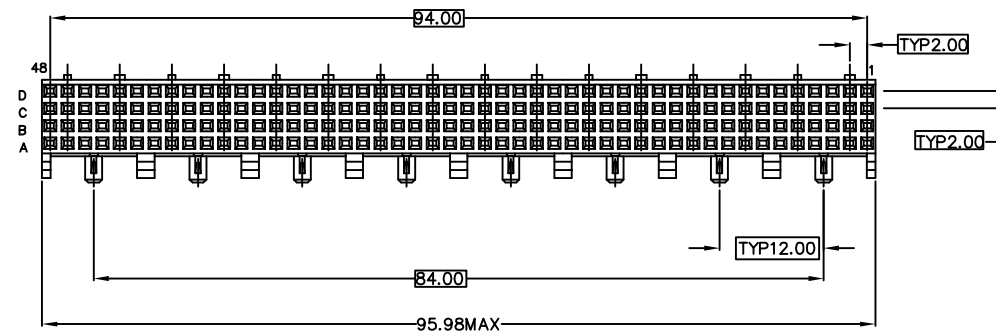
24 POSITION



48 POSITION



96 POSITION

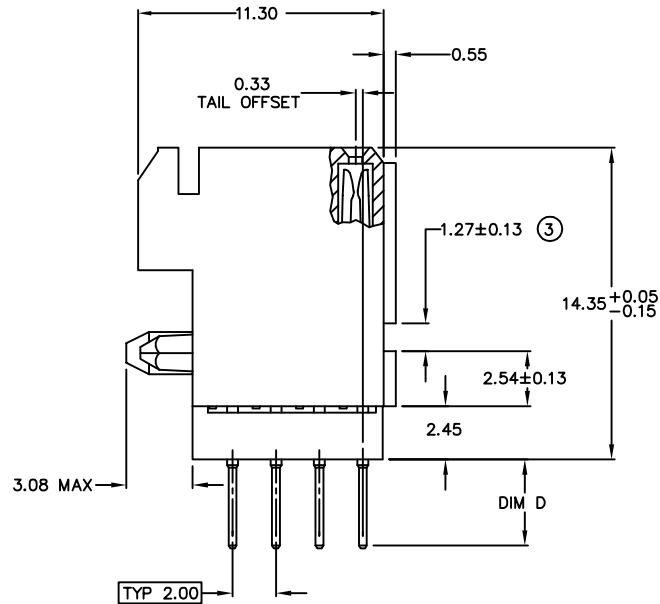


192 POSITION

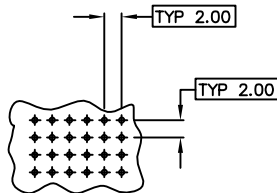
NOTES: UNLESS OTHERWISE SPECIFIED;

- 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.

[illegible]



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]	0° ±1°	projection	title			
				.X ±.5[.02]		⊕	T SERIES STRAIGHT RECEPTACLE			
				.XX ±13[.005]		MM	ASSY, 4 ROW, STB			
				dr V. SEBASTIAN 07/14/05		10:1	product family METRAL		code	
				enr J. VOLSTROF 07/14/05			size dwg no		213	
				chr J. VOLSTROF 07/14/05			A SE96860		sheet	
				appd J. VOLSTROF 07/14/05					2 of 2	
sheet index	revision sheet									

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