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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.

SPECIAL DATAS:

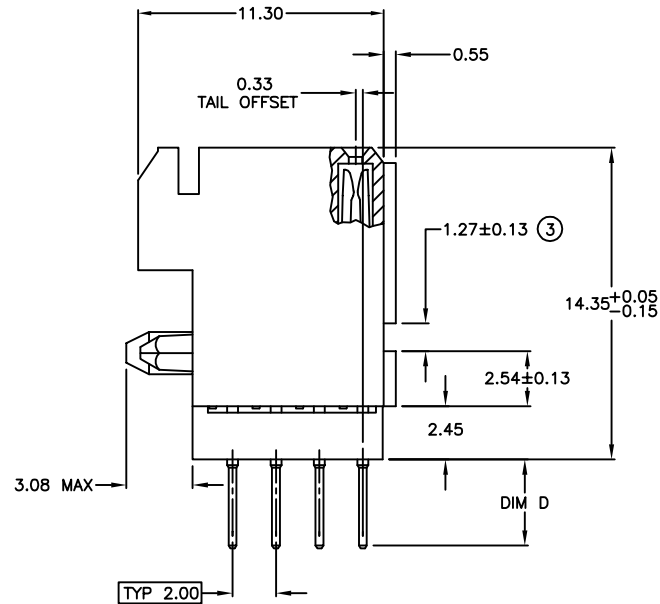
- VISUAL INSPECTION: 100%
- MARKING FAILURES
 - HOUSING MATERIAL FAILURES
 - SPOILT HOUSING
 - STAINED HOUSING
 - BROKEN CONTACTS (Twisted or Loosen)

[illegible]

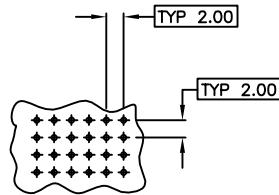


A

B



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
400 = CUSTOMER SPECIAL

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	.NONE ±3[±.1]	projection		www.fciconnect.com		
A					.X ±.5[.02]	⊕	title	T SERIES STRAIGHT RECEPTACLE		
				angles	.XX ±13[.005]	⊕	ASSY, 4 ROW, STB SPECIFY 400			
				dr	0° ±1°	MM	product family	METRAL		code
				enr	Heaven Cen 03/10/09	10:1	size	dwg no		213
				chr	PM Zheng 03/10/09		A	10098726		sheet
				appd	Joseph Hsia 03/10/09					2 of 2
sheet index	revision sheet									

B

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[HM1S43TRR400H6LF](#) [HM1S42TSR400H6LF](#)