

NOTES: UNLESS OTHERWISE SPECIFIED;

- 1 CONNECTOR MATERIALS:
HOUSING: GLASS FILLED THERMOPLASTIC,
UL94-VO 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	FCI	www.fciconnect.com
ltr	ecn no	dr	date	.NONE ± 3 [± 1]				
F	V04-1124	TAB	02/04/05	linear	.X $\pm .5$ [.02]	projection	T SERIES STRAIGHT RECEPTACLE ASSY, 4 ROW, STB	title
G	V05-0438	VS	07/14/05		.XX $\pm .13$ [.005]			
H	DG06-0501	Kason	12/01/06	angles	0° ± 1 °			
J	DG08-0173	TER	7/11/08	dr	V. SEBASTIAN 07/14/05	MM		
				engr	J. VOLSTROF 07/14/05		product family	METRAL
				chr	J. VOLSTROF 07/14/05	scale	size	213
				appd	J. VOLSTROF 07/14/05	4: 1	dwg no	
sheet	revision	J	J				sheet	1 of 2
index	sheet	1	2					

ACAD

PDM: Rev:J

STATUS: Released

Printed: Sep 21, 2010

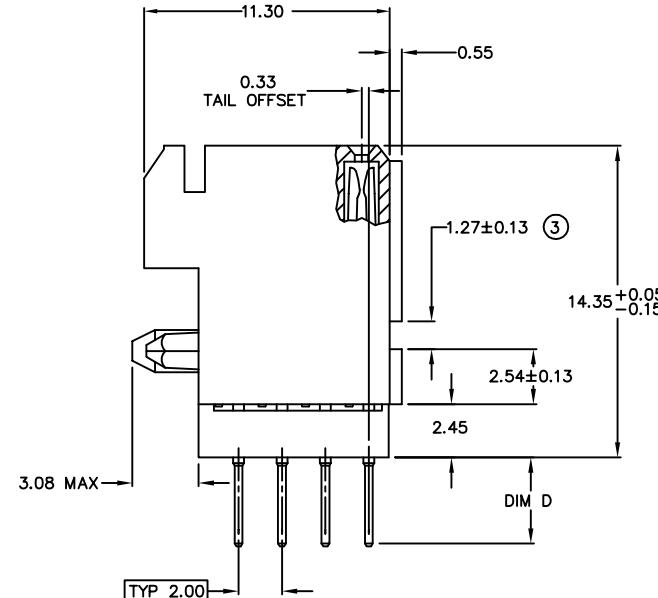
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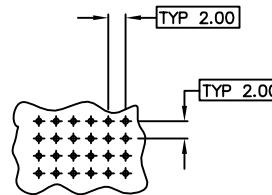
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1 2



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



CATALOG NUMBER DESCRIPTION					
HM1	S	4	=	T	=
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					
HM1	S	4	=	R	000
				H	6
				LF	
					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

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ltr	ecn no	dr	date			
J				linear	.NONE ±3[±.1]	
					.X ±.5[.02]	
					.XX ±13[.005]	
				angles	0° ±1°	
				dr	V. SEBASTIAN 07/14/05	MM
				engr	J. VOLSTROF 07/14/05	
				chr	J. VOLSTROF 07/14/05	scale
				appd	J. VOLSTROF 07/14/05	10:1
				sheet		
				index		