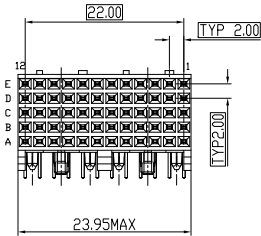
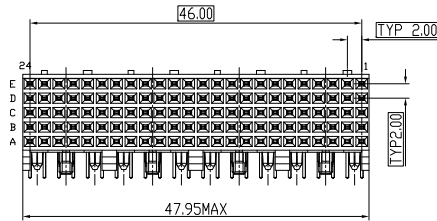


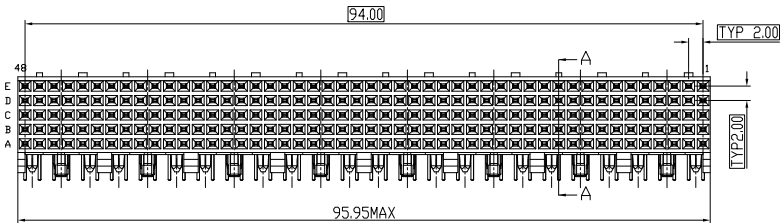
30 POSTION



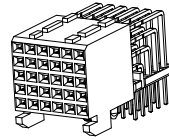
60 POSTION



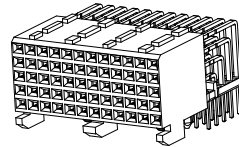
120 POSTION



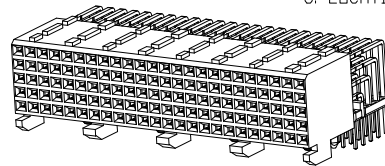
240 POSTION



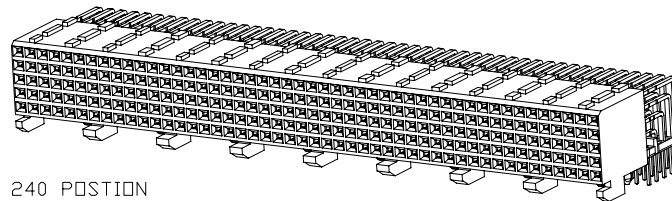
30 POSTION



60 POSTION



120 POSTION

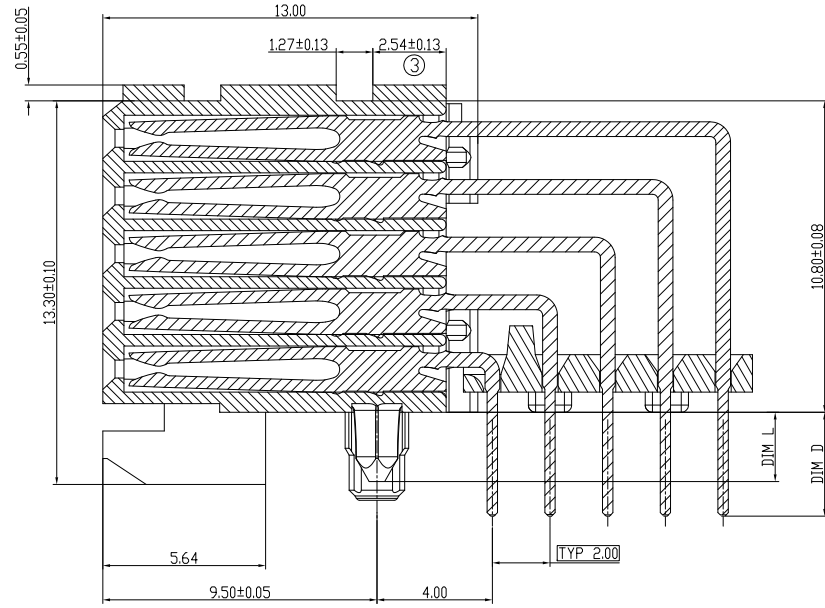


240 POSTION

NOTE: UNLESS OTHERWISE SPECIFIED;

1. CONNECTOR MATERIALS:  
HOUSING: GLASS FILLED THERMOPLASTIC, UL94-V0 COMPLIANT  
KEEPER: GLASS FILLED THERMOPLASTIC, UL94-V0 COMPLIANT  
TERMIANL: 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 CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
8. LOCATION PEGS ARE ONLY EXISTED IN ONE MODULE.

mat'l. code		surface		tolerance		projection		product family	
		ISO 1302		ISO 406/ISO 110				METRAL(tm) HPL559	
ltr		ecn no		dr		date		title	
L		DG06-0378		KL		09/05/06		T SERIES R/A	
M		DG06-0434		Cenh		10/23/06		RECEPTACLE ASSY,5 RIW,STB	
N		DG06-0534		Cenh		14/12/06		dwg no	
P		DG08-0173		TER		02/07/08		sheet 1 of 3	
R		N10-0382		Cenh		11/12/10		size	
S		ELX-N-23029		NICK		01/13/16		SE96847	
T		EXL-N-25326		NICK		11/15/16		A4	
sheet		revision		T				type	
index		sheet		1				Product Customer Drawing	



SECTION A-A

TABLE 1

	PCB THICKNESS	DIM D	DIM L	RETENTION FEATURES
HM1 F 5_ T A R 000 H6	1.60	2.90±0.30	5.20	PRESS-FIT PEGS
HM1 F 5_ T B R 000 H6	2.40	3.60±0.30		
HM1 F 5_ T A P 000 H6	1.60	2.90±0.30	3.00	PRESS-FIT PEGS
HM1 F 5_ T B P 000 H6	2.40	3.60±0.30	3.00	

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 CD

**CATALOG NUMBER DESCRIPTION**

HM1 F 5 - T P 000 H 6 LF

PRODUCT FAMILY  
HM1 = METRAL HM1

PRODUCT TYPE  
F = FEMALE SIGNAL, RIGHT ANGLE

NUMBER OF ROWS  
5 = 5 ROW

BODY LENGTH  
1 = 12.00 (30 POSITION SIGNAL)  
2 = 24.00 (60 POSITION SIGNAL)  
3 = 48.00 (120 POSITION SIGNAL)  
4 = 96.00 (240 POSITION SIGNAL)

MATING CONTACT  
T = TWISTED FEMALE

PCB TERMINATION TYPE  
A = SOLDER TAIL, FOR 1.6mm PCB  
B = SOLDER TAIL, FOR 2.4mm PCB

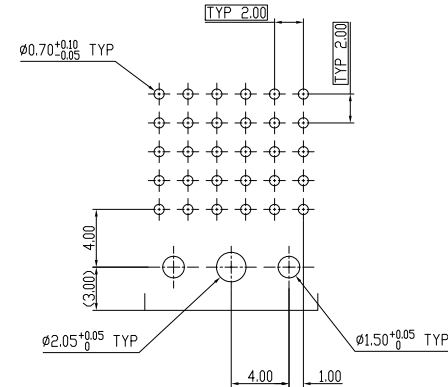
LF = LEAD FREE Sn PLATING ON TAILS

PERFORMANCE LEVEL  
SEE TABLE 2  
(6 = TELCORDIA CD)

INSULATING MATERIAL  
H = HIGH TEMPERATURE MATERIAL

VARIATIONS  
000 = STANDARD

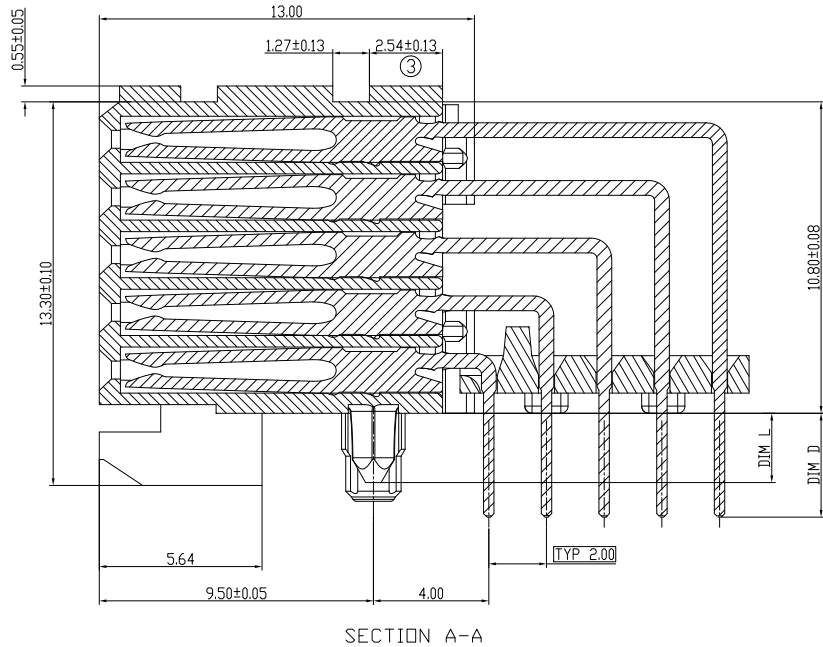
BOARD ATTACHMENT  
P = PRESS-FIT RETENTION PEG



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

OBSOLETE

mat'l. code	surface ISO 1302 ✓	tolerance ISO 406/ISO 110	projection mm	product family METRAL(tm) HPL559	
ltr	ecn	no	dr	date	title
T					RECEPTACLE ASSY,5 RIW,STB
					dwg no
					sheet 2 of 3
					size
					A4
					type
					Product Customer Drawing
sheet index	revision	T			
	sheet	1			



SECTION A-A

CATALOG NUMBER DESCRIPTION

HM1 F 5 T P 400 H LF

PRODUCT FAMILY  
HM1 = METRAL HM1

PRODUCT TYPE  
F = FEMALE SIGNAL, RIGHT ANGLE

NUMBER OF ROWS  
5 = 5 ROW

BODY LENGTH  
1 = 12.00 (30 POSITION SIGNAL)  
2 = 24.00 (60 POSITION SIGNAL)  
3 = 48.00 (120 POSITION SIGNAL)  
4 = 96.00 (240 POSITION SIGNAL)

MATING CONTACT  
T = TWISTED FEMALE

PCB TERMINATION TYPE  
A = SOLDER TAIL, FOR 1.6mm PCB  
B = SOLDER TAIL, FOR 2.4mm PCB

LF = LEAD FREE Sn PLATING ON TAILS

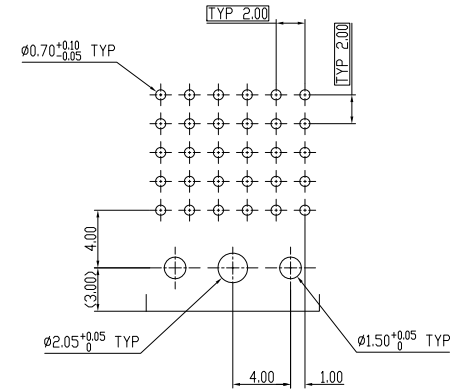
P = PACKAGED IN TRAYS  
- = SEE PACKAGE SPEC GS-14-1228

PERFORMANCE LEVEL  
6 = TELCORDIA CD

INSULATING MATERIAL  
H = HIGH TEMPERATURE MATERIAL

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

BOARD ATTACHMENT  
P = PRESS-FIT RETENTION PEG



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

	PCB THICKNESS	PCB THICKNESS	RETENTION FEATURES
HM1 F 5_ T A P 400 H_LF	1.60	2.90 ± 0.30	PRESS-FIT PEGS
HM1 F 5_ T B P 400 H_LF	2.40	3.60 ± 0.30	

mat'l. code	surface ISO 1302	tolerance ISO 406/ISO 1101	projection 	product family METRAL(tm) HPL559
ltr	ecn no	dr	date	title
T				RECEPTACLE ASSY,5 RIW,STB
				dwg no sheet3 of 3 size
				SE96847 A4
				type Product Customer Drawing
sheet index	revision sheet	T		
	1			