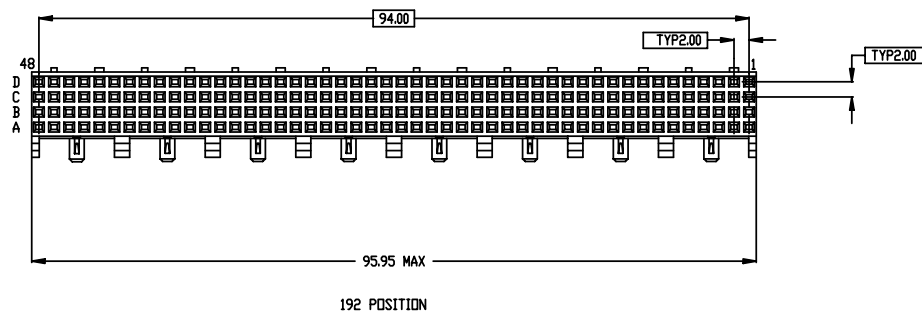




NOTES: UNLESS OTHERWISE SPECIFIED;

- 1 CONNECTOR MATERIALS:
HOUSING: GLASS FILLED THERMOPLASTIC,
UL94-V0 COMPLIANT
KEEPER: 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.
UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- 6 THE PRODUCTS WHERE THE PART NUMBER ENDS IN 'LF' MEET THE EUROPEAN
- 7 ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A
CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- 8 LOCATION PEGS ARE EXISTED ONLY IN ONE MODULE

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rev	ecn no	dr	date
M	V04-1123	TAB	02/03/05
N	V05-0437	VS	07/14/05
P	V05-1026	JRV	11/7/05
R	DG06-0378	KL	09/01/06
S	DG06-0434	Cenh	10/23/06
T	DG08-0173	TER	7/11/08
U	N10-0382	Cenh	11/13/10

www.fciconnect.com			surface ☒		tolerance std		projection 		MM 	
			TOLERANCES UNLESS		OTHERWISE SPECIFIED					
Dr	V. SEBASTIAN	07/14/05	ANGULAR		LINEAR	0.X	± 0.50	size	A4	Scale 4:1
Eng	J. VOLSTROF	07/14/05				0.XX	± 0.13			
Chr	J. VOLSTROF	07/14/05	0°	±2°		0.XXX	± -	ECN		
Appr	J. VOLSTROF	07/14/05	Product family			METRAL		Spec ref		
		T SERIES R/A RECEPTACLE ASSY, 4 ROW, STB				dwg no SE96846		Rev. U		
		catalog no				CUSTOMER		sheet 1 of 4		

1

2

3

4

A

B

C

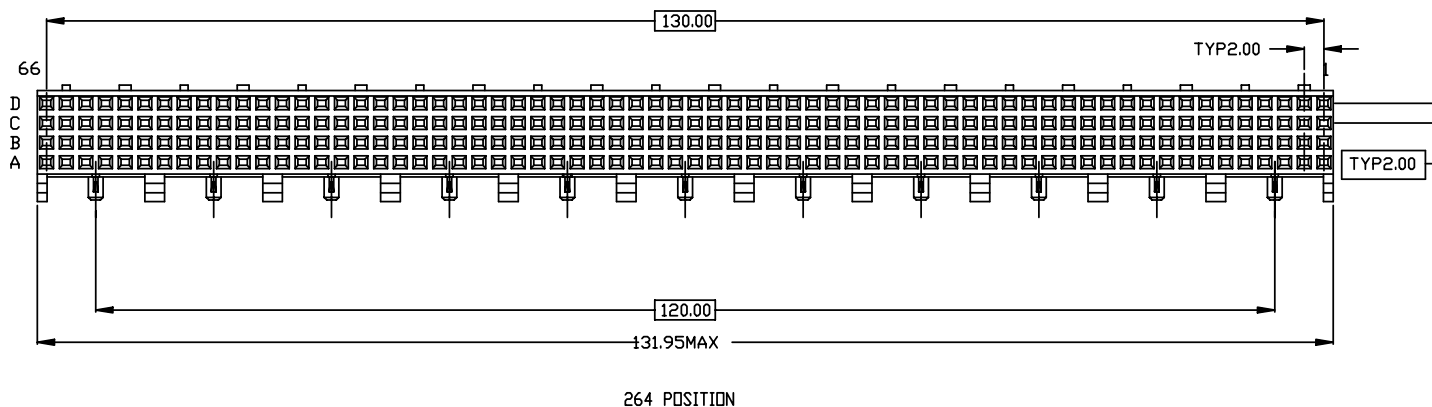
D

A

B

C

D



www.fciconnect.com			surface 		tolerance std		projection 			
			TOLERANCES UNLESS		OTHERWISE SPECIFIED					
Dr	V. SEBASTIAN	07/14/05	ANGULAR	LINEAR	0.X	± 0.50	size	A4	Scale 4:1	
Eng	J. VOLSTROF	07/14/05			0.XX	± 0.13				
Chr	J. VOLSTROF	07/14/05			0.XXX	± -	ECN		N10-0382	
Appr	J. VOLSTROF	07/14/05	Product family			METRAL		Spec ref		
	title T SERIES R/A RECEPTACLE ASSY, 4 ROW, STB					dwg no SE96846		Rev U		
	catalog no					CUSTOMER		sheet 2 of 4		

REV F - 2006-04-17

1

2

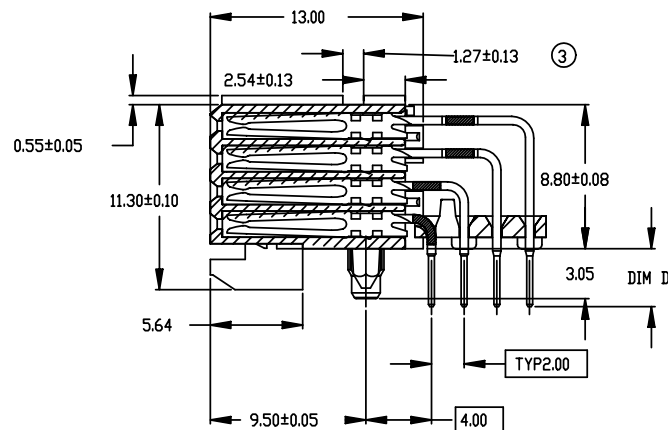
3 PDM: Rev:U

STATUS:Released

4 Printed: Dec 01, 2010



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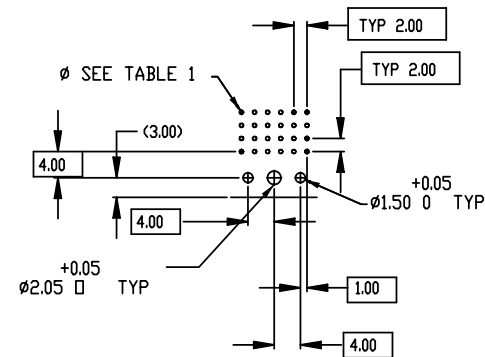
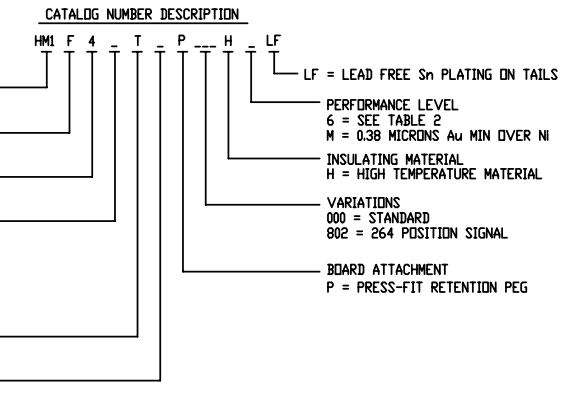


	PCB THICKNESS	DIM D	RETENTION FEATURES
HM1 F 4 T A R 000 H6	1.60	2.90±0.30	HEAT STAKE PEGS
HM1 F 4 T B R 000 H6	2.40	3.60±0.30	
HM1 F 4 T A P 000 H6	1.60	2.90 ±0.30	PRESS-FIT PEGS
HM1 F 4 T B P 000 H6	2.40	3.60 ±0.30	
HM1 F 49 T A P 802 H6	1.60	2.90 ±0.30	

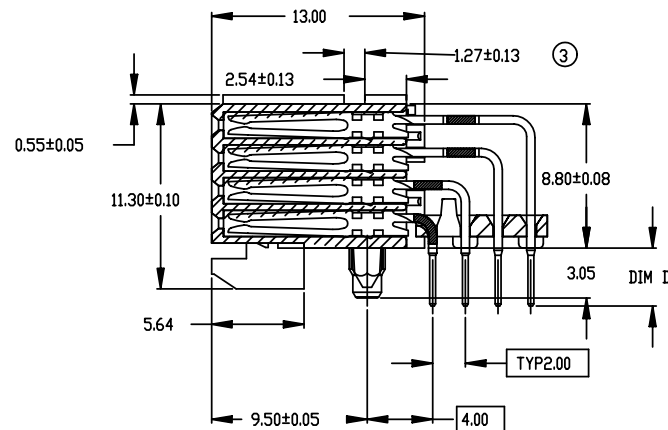
TABLE 2

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 CD

OBSELETE

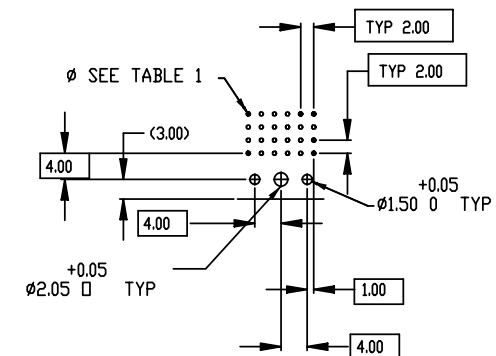


RECOMMENDED PC BOARD LAYOUT,
COMPONENT SIDE
SEE PRINT 58351 FOR ADDITIONAL
PCB INFORMATION



	PCB THICKNESS	DIM D	RETENTION FEATURES
HMI F 4_ T A P 400 H__LF	1.60	2.90 ±0.30	PRESS-FIT PEGS
HMI F 4_ T B P 400 H__LF	2.40	3.60 ±0.30	

CATALOG NUMBER DESCRIPTION	
PRODUCT FAMILY HMI = METRAL HMI	HMI
PRODUCT TYPE F = FEMALE SIGNAL, RIGHT ANGLE	F
NUMBER OF ROWS 4 = 4 ROW	4
BODY LENGTH 1 = 12.00 (24 POSITION SIGNAL) 2 = 24.00 (48 POSITION SIGNAL) 3 = 48.00 (96 POSITION SIGNAL) 4 = 96.00 (192 POSITION SIGNAL) 9 = NON-STANDARD	4
MATING CONTACT T = TWISTED FEMALE	T
PCB TERMINATION TYPE A = SOLDER TAIL, FOR 1.60mm PCB B = SOLDER TAIL, FOR 2.40mm PCB	4
	-
	P 400
	H
	-
	LF
	LF = LEAD FREE Sn PLATING ON TAILS
	P = PACKAGED IN TRAYS
	- = SEE PACKAGE SPEC GS-14-1228
	PERFORMANCE LEVEL 6 = TELCORDIA CD
	E = CUSTOMER SPECIAL 0.75 μ m GOLD SELECTIVE PLATING
	INSULATING MATERIAL H = HIGH TEMPERATURE MATERIAL
	SPECIAL DATAS: VISUAL INSPECTION: 100% - MARKING FAILURES - HOUSING MATERIAL FAILURES - SPOULT HOUSING - STAINED HOUSING - BROKEN CONTACTS (Twisted or Loosen)
	BOARD ATTACHMENT P = PRESS-FIT RETENTION PEG



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

www.fciconnect.com			surface ☒		tolerance std		projection 		MM 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	V. SEBASTIAN	07/14/05	ANGULAR		LINEAR	0.X	± 0.50	size A4	Scale 4:1	
Eng	J. VOLSTROF	07/14/05				0.XX	± 0.13			
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Appr	J. VOLSTROF	07/14/05	Product family			METRAL		Spec ref		
		T SERIES R/A RECEPTACLE ASSY, 4 ROW, STB				dwg no SE96846		Rev. U		
catalog no						CUSTOMER		sheet 4 of 4		