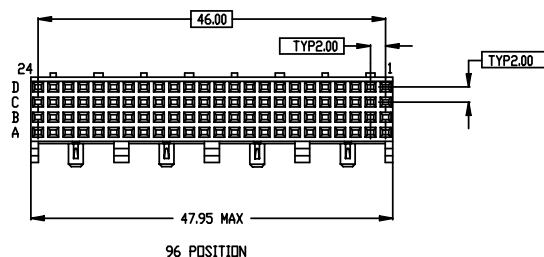


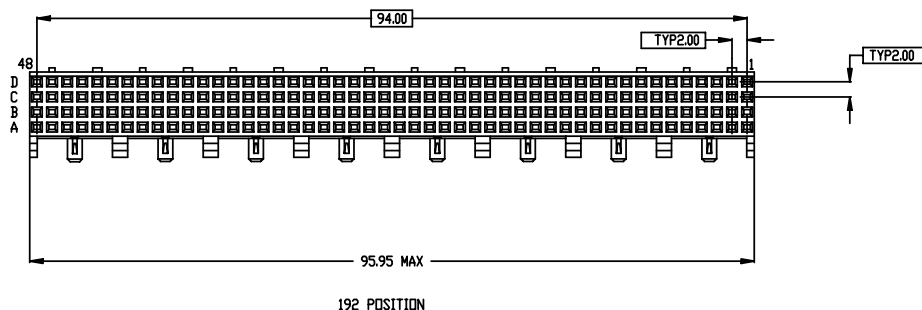
A



B



C



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

A

B

C

D



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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	
			ANGULAR	LINEAR	size	Scale	
Dr V. SEBASTIAN			0°	±2°	A4	4:1	
Eng J. VOLSTROF			0.X	± 0.50	ECN	N10-0382	
Chr J. VOLSTROF			0.XX	± 0.13	Spec ref		
Appr J. VOLSTROF			0.XXX	± -			
			Product family		METRAL		
FCI			title		dwg no	Rev.	
			T SERIES R/A RECEPTACLE		SE96846	U	
			ASSY, 4 ROW, STB				
			catalog no		CUSTOMER	sheet 1 of 4	

1

2

3

4

A

B

C

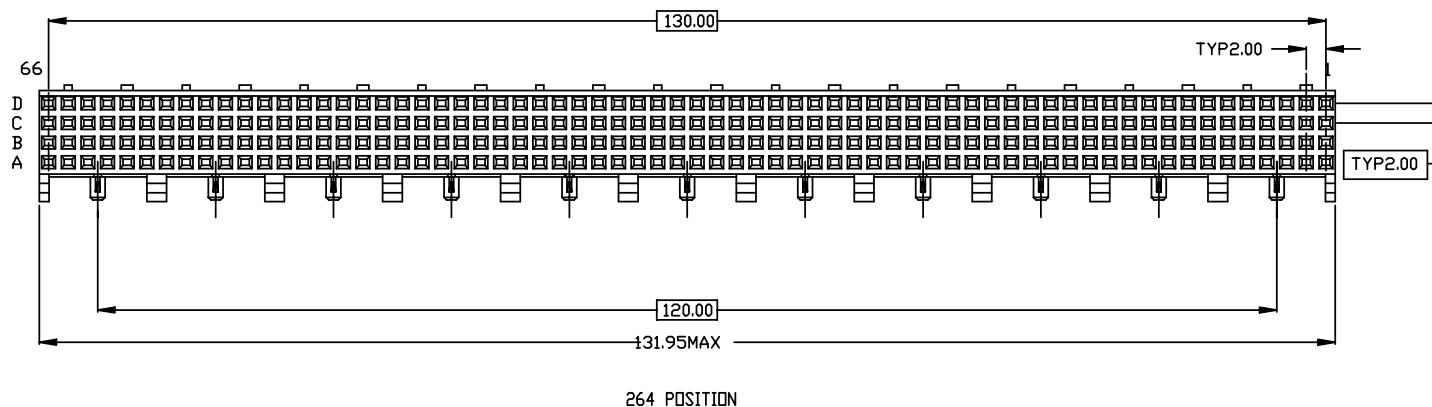
D

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

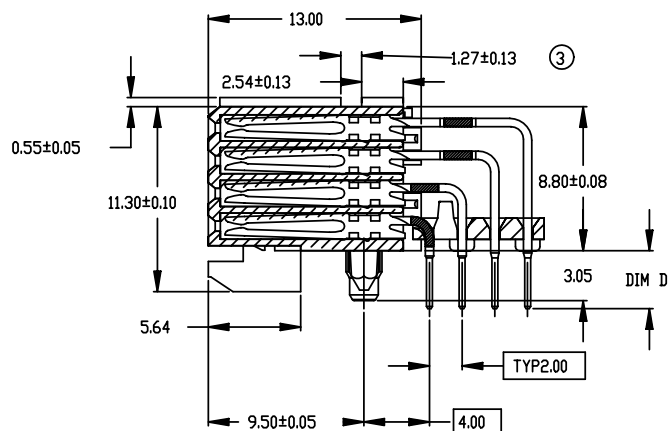
4 Printed: Dec 01, 2010



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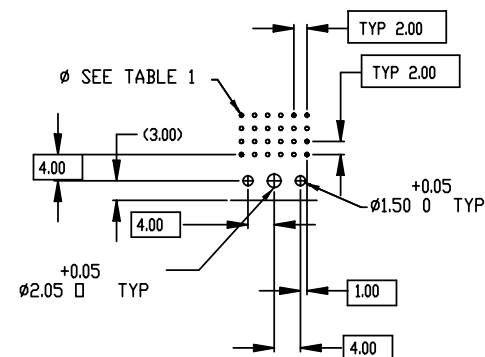


	PCB THICKNESS	DIM D	RETENTION FEATURES
HM1 F 4_ T A R 000 H6	1.60	2.90±0.30	HEAT STAKE PEGS
HM1 F 4_ T B R 000 H6	2.40	3.60±0.30	HEAT STAKE PEGS
HM1 F 4_ T A P 000 H6	1.60	2.90 ±0.30	PRESS-FIT PEGS
HM1 F 4_ T B P 000 H6	2.40	3.60 ±0.30	PRESS-FIT PEGS
HM1 F 49 T A P 802 H6	1.60	2.90 ±0.30	PRESS-FIT PEGS

TABLE 2

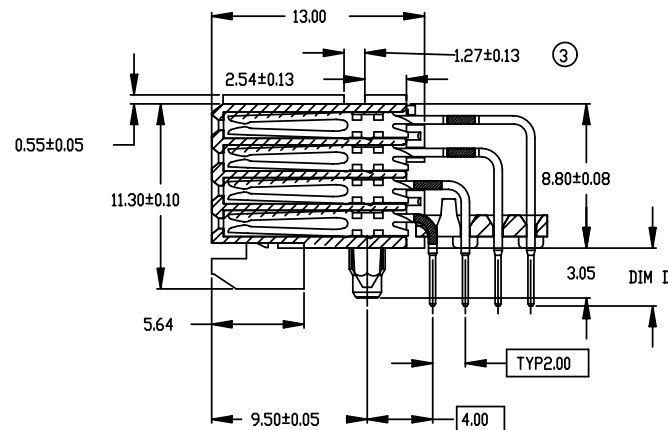
CODE	CONTACT AREA	PERFORMANCE LEVEL
6	0.75um Au min over 1.3um Ni min or 0.68um PdNi min +0.08um Au min over 1.3um Ni min	TELCORDIA CO

CATALOG NUMBER	DESCRIPTION
HM1 F 4 T P H LF	LF = LEAD FREE Sn PLATING ON TAILS
PRODUCT FAMILY	HM1 = METRAL HM1
PRODUCT TYPE	F = FEMALE SIGNAL, RIGHT ANGLE
NUMBER OF ROWS	4 = 4 ROW
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
MATING CONTACT	T = TWISTED FEMALE
PCB TERMINATION TYPE	A = SOLDER TAIL, FOR 1.60mm PCB B = SOLDER TAIL, FOR 2.40mm PCB
VARIATIONS	000 = STANDARD 802 = 264 POSITION SIGNAL
BOARD ATTACHMENT	P = PRESS-FIT RETENTION PEG



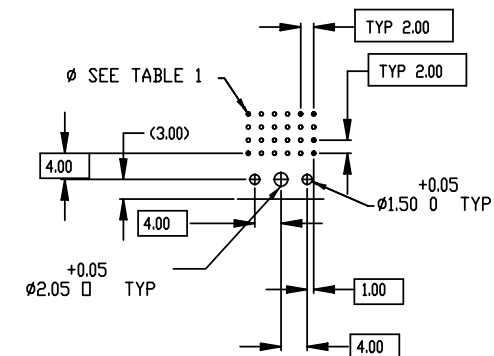
RECOMMENDED PC BOARD LAYOUT,
COMPONENT SIDE
SEE PRINT 58351 FOR ADDITIONAL
PCB INFORMATION

www.fciconnect.com			surface	tolerance std	projection	MM
			ANGULAR	LINEAR	size	Scale
Dr	V. SEBASTIAN	07/14/05	0.X	± 0.50	A4	4:1
Eng	J. VOLSTROF	07/14/05	0.XX	± 0.13	ECN	N10-0382
Chr	J. VOLSTROF	07/14/05	0.XXX	± -	Spec ref	
Appr	J. VOLSTROF	07/14/05	Product family		METRAL	
title			T SERIES R/A RECEPTACLE ASSY, 4 ROW, STB			Rev.
catalog no			SE96846			U
			CUSTOMER			sheet 3 of 4



	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	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 CO
	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
	- SPOILT 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			
Chr	J. VOLSTROF	07/14/05	0°	±2°		0.XXX	± -	ECN		N10-0382
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	