



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI.

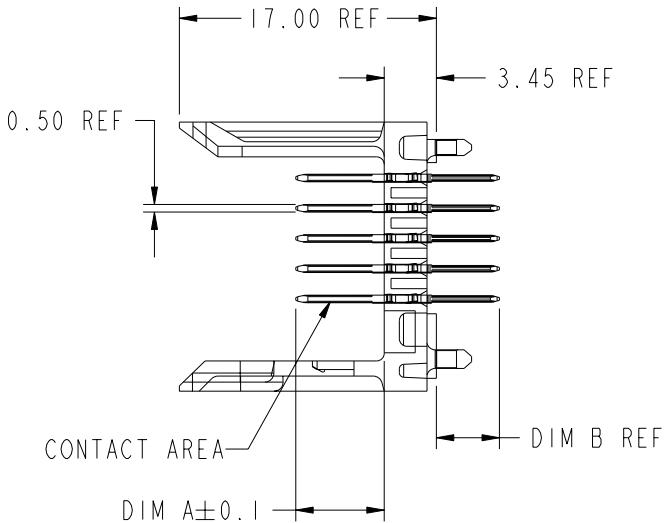
Technical drawing of a 24-pin integrated circuit package, showing top and bottom views with dimensions and pinout details.

Top View Dimensions:

- Width: 46.00 REF
- Height: 17.80 REF
- Pin pitch: 2.00 REF
- Pin height: 2.30 REF
- Pin thickness: 2.00 REF
- Pin width: 1.40 REF
- Pin position: POS.1
- Pin count: 24
- Pin height from bottom: 13.50 REF
- Pin thickness from bottom: 2.00 REF
- Pin width from bottom: 8.00 REF
- Pin thickness from top: 2.00 REF
- Pin width from top: 1.40 REF

Bottom View Dimensions:

- Total width: 47.93 REF



PLATING IN CONTACT AREA

DASH NUMBER	PERFORMANCE LEVEL	NOTES
-1YY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-9YY	0.76 GXT	-
-1YYLF	TELCORDIA CO	SEE NOTE 8
-2YYLF	TELECOM CLASS	SEE NOTE 8
-5YYLF	TELCORDIA UE	SEE NOTE 8

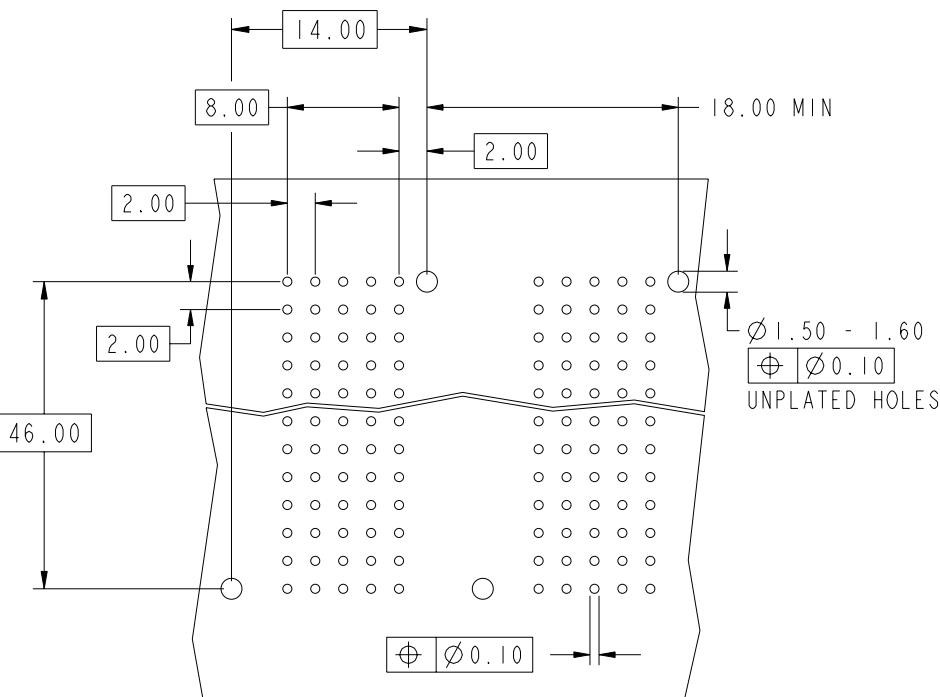
mat'l code				tolerances unless otherwise specified			CUSTOMER		FCI		www.fciconnect.com		
ltr	ecn no.	dr	date	0. X ± 0.3			COPY		projection		title METRAL SIGNAL HEADER 4 MOD, 5 ROW SPECIAL STB		
A	V02565	TAB	10/02/00	0. XX ± 0.13									
B	V10907	CGD	02/22/01	. XXX ± 0.051									
C	V11659	CGD	06/04/01	angles 0° ± 2°									
D	V20758	CGD	04/25/02	dr	T. BRUNGARD	11/19/99			MM		product family METRAL		
E	V21671	TAB	10/21/02	engr	M. STRAWSER	11/19/99							
F	V05-0393	DAI	04/26/05	chr	M. STRAWSER	11/19/99			scale				
G	V06-0492	DCH	2006-05-23	oppd	M. STRAWSER	02/29/00							
sheet	revision		G	G	G	G			2 : 1		code 213		
index	sheet		1	2	3	4					sheet 1 of 6		

This document is the property of and embodies
CONFIDENTIAL and PROPRIETARY information of FCI.
No part of the information shown on this
document may be used in any way or disclosed
to others without the written consent of FCI.
Copyright FCI.



REQUIRED PC BOARD LAYOUT
COMPONENT SIDE

SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION



KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	5.00	4.25
2	5.75	4.25
3	6.50	4.25

A

A

B

B

mat'l code				tolerances unless otherwise specified		CUSTOMER COPY	title	product family	code
ltr	ecn no.	dr	date	linear	angles				
G				0. X ± 0.3		projection	METRAL SIGNAL HEADER	METRAL	213
				0. XX ± 0.13			4 MOD, 5 ROW SPECIAL STB		
				.XXX ± .051					
					0° ± 2°				
				dr	T.BRUNGARD	11/19/99	MM	dwg no	sheet
				engr	M.STRAWSER	11/19/99			
				chr	M.STRAWSER	11/19/99	scale		
				appd	M.STRAWSER	02/29/00	1 : 1	A	55444
	sheet	revision							
	index	sheet							

1 | 2

Pro/E

3 |

cage code
22526

4

METRAL P/N	ROW	CONTACT CODE						MOD. 2				MOD. 3					MOD. 4								
		MOD. 1																							
55444-X07	E	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
SEE NOTE 9 LEAD FREE OPTION	D																								
	C																								
	B																								
	A																								
		OBSOLETE																							

This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI.
Copyright FCI.

1

mat'l code				tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com					
ltr	ecn no.	dr	date	0. X ± 0.3	COPY								
G		linear		0. XX ± 0.13	projection	title	METRAL SIGNAL HEADER 4 MOD, 5 ROW SPECIAL STB						
				. XXX ± 0.051									
				0° ± 2°									
				dr	T.BRUNGARD	11/19/99	MM	product family		METRAL	code		
				engr	M.STRAWSER	11/19/99		scale	size	dwg no	55444	213	
				chr	M.STRAWSER	11/19/99			A				sheet
				oppd	M.STRAWSER	02/29/00			1 : 1				3
sheet	revision												
index	sheet												



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. NO part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI.

mat'l code ---				tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
ltr	ecn no.	dr	date	0. X ± 0.3	COPY				
G	linear			0. XX ± 0.13	projection	title	METRAL SIGNAL HEADER 4 MOD, 5 ROW SPECIAL STB		
				. XXX ± 0.051					
				0° ± 2°					
angles			dr	T.BRUNGARD 11/19/99	MM	product family		code 213	
			engr	M.STRAWSER 11/19/99		scale	size		dwg no
			chr	M.STRAWSER 11/19/99					
			oppd	M.STRAWSER 02/29/00					
sheet		revision							
index		sheet							

THIS DOCUMENT IS THE PROPERTY OF AND EMBODIES CONFIDENTIAL AND PROPRIETARY INFORMATION OF FCI. NO PORT OF THE INFORMATION SHOWN ON THIS DOCUMENT MAY BE USED IN ANY WAY OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF FCI. Copyright FCI.



METRAL P/N	ROW	CONTACT CODE		MOD. 2		MOD. 3		MOD. 4	
		MOD. 1	MOD. 2	MOD. 3	MOD. 4	MOD. 5	MOD. 6	MOD. 7	MOD. 8
55444-X25	E								
SEE NOTE 9 LEAD FREE OPTION	D								
	C								
	B								
	A								

OBSOLETE

NOTES:

1. FOR DIM A AND B SEE SHEET 2 AND UP.

2. BODY MATERIAL: LIQUID CRYSTAL

POLYMER 30 % GLASS.

FLAME RETARDANT ACC. UL 94-V0.

3. PIN MATERIAL:

PHOSPHOR BRONZE.

4. PLATING ON PRESS-FIT TAIL:

55444 -XYY IS SnPb

55444-XYYLF IS SN (LEAD FREE)

PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE
LEVEL SHOWN IN TABLE.

5. PRODUCT MARKING:

PART NUMBER DESIGNATION & BATCH I.D.

6. ALL PRODUCTS WITH PART NUMBERS SHOWN IN
SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES.
IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P"
WILL BE ADDED TO THE END OF THE PART NUMBER.
EXAMPLE: XXXXX-XXXP OR XXXXX-XXXPLF7. PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-0758. THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE
EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS
AS DESCRIBED IN GS-22-008.9. FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.
EXAMPLE: 55444-X01LF10. ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING
(DRAWING NO.)-NI--- OR (DRAWING NO.)-N5--- WILL WITHSTAND EXPOSURE
TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR
VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-NI---
AND (DRAWINGS NO.)-N5--- WILL NOT WITHSTAND REFLOW AND Au CONTACT
SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMIM 140°C FOR
NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

mat'l code				tolerances unless otherwise specified		CUSTOMER COPY	title	product family	METRAL	code
ltr	ecn no.	dr	date	linear	angles					
G				0. X ± 0.3		projection	title	FCI	www.fciconnect.com	
				0. XX ± 0.13						
				.XXX ± .051						
					0° ± 2°					
				dr	T.BRUNGARD	11/19/99	MM	product family	METRAL	code
				engr	M.STRAWSER	11/19/99	size	size		213
				chr	M.STRAWSER	11/19/99	dwg no	dwg no		
				appd	M.STRAWSER	02/29/00	scale	scale		
							I : I	I : I		
		sheet	revision							
		index	sheet							

Mouser Electronics

Authorized Distributor

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

[FCI / Amphenol:](#)

[55444-101LF](#)