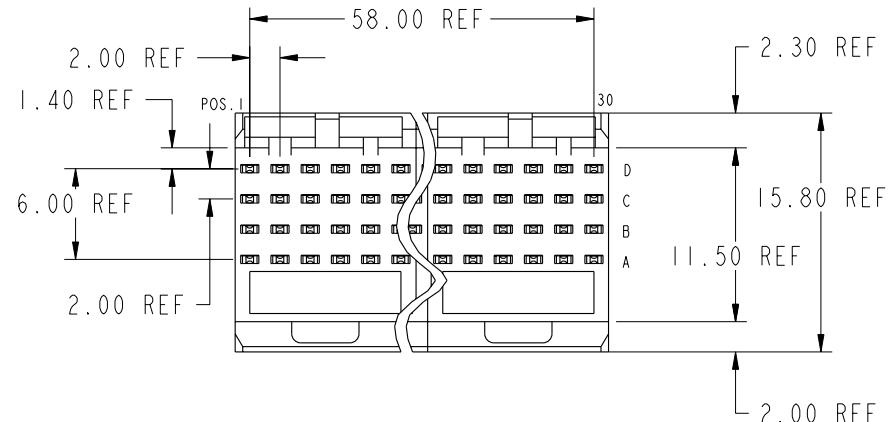


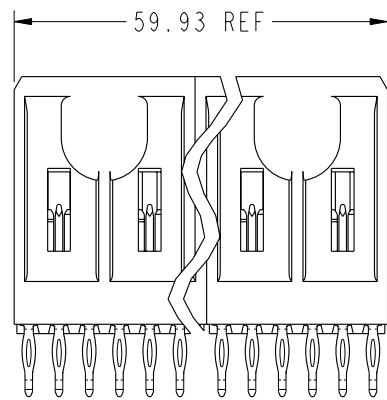
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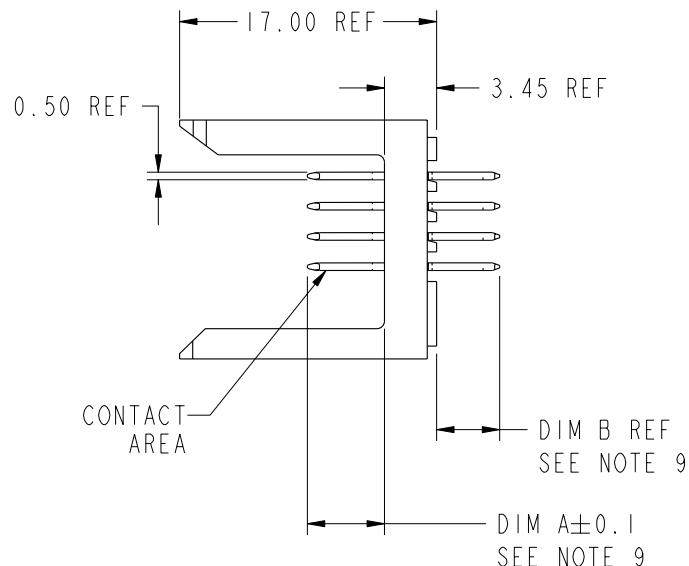
PRODUCT NUMBER
SEE TABLE



A



1 2



4

mat'l code				SEE NOTES		tolerances unless otherwise specified			CUSTOMER COPY	title	product family	code
ltr	ecn no.	dr	date			linear	0. X ± 0.3	projection				
P	V06-0498	DCH	2006-06-02				0. XX ± 0.13					
-	-	-	-				.XXX ± .051					
J	V03-0023	TAB	02/06/03			angles	0° ± 2°					
K	V03-1319	DAI	12/17/03	dr	T.BRUNGARD		11/19/99		MM			
L	V04-0193	HTB	02/24/04	engr	M.STRAWSER		11/19/99			product family	METRAL	code
M	V04-0617	TAB	07/07/04	chr	M.STRAWSER		11/19/99					
N	V04-0362	VS	05/04/05	appd	M.STRAWSER		02/29/00		scale	dwg no	70452	
									2:1	sheet		
				sheet	revision	P	P	P				
				index	sheet	1	2	3				
						4	5					

Pro/E

3

PDM: Rev:P

STATUS: Released Printed: May 16, 2009

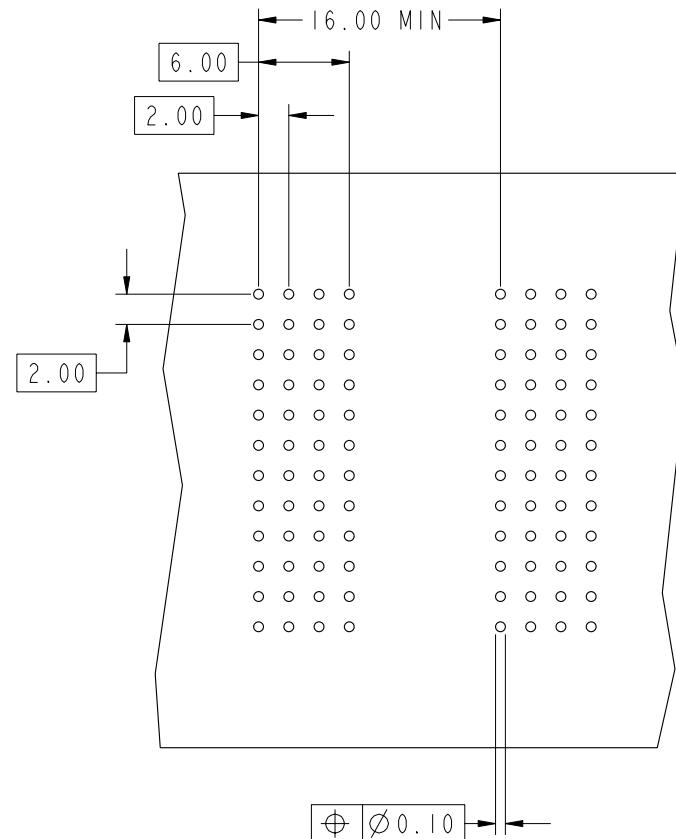
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1 2

3

4



KEY (SIGNAL PRESS-FIT)		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	5.00	4.30
2	5.75	4.30
3	6.50	4.30
4	7.25	4.30
19	8.00	4.30

REQUIRED PC BOARD LAYOUT
COMPONENT SIDE

SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

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

1 2

Pro/E

3

cage code
22526

4

B

PRODUCT NUMBER	DESCRIPTION	PLATING IN PRESS FIT TAIL AREA	PERFORMANCE LEVEL OF PLATING IN CONTACT AREA
70452-N1YYY	STANDARD	TIN LEAD	TELCORDIA CO (NXT)
70452-N5YYY	STANDARD	TIN LEAD	TECORDIA UE (NXT)
70452-IYYY	STANDARD	TIN LEAD	TELCORDIA CO
70452-2YYY	STANDARD	TIN LEAD	TELECOM CLASS
70452-3YYY	STANDARD	TIN LEAD	IEC CLASS I
70452-5YYY	STANDARD	TIN LEAD	TELCORDIA UE
70452-9YYY	STANDARD	TIN LEAD	TELCORDIA CO
70452-NIYYYLF	LEAD FREE	TIN	TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 10 AND 11
70452-N5YYYLF	LEAD FREE	TIN	TECORDIA UE (NXT) SEE NOTES 10 AND 11
70452-IYYYLF	LEAD FREE	TIN	TELCORDIA CO, IEC CLASS I, SEE NOTES 10 AND 11
70452-2YYYLF	LEAD FREE	TIN	TELECOM CLASS, SEE NOTES 10 AND 11
70452-5YYYLF	LEAD FREE	TIN	TELCORDIA UE, SEE NOTES 10 AND 11

NOTES:

1. FOR DIM A AND B SEE DWG. NO. 70451 SHTS 2 THRU 8
FOR DASH NUMBERS X010 THROUGH X099.
FOR DASH NOS. X300 AND UP, SEE SHT 3 FOR SELECT
LOAD NUMBERS.
2. FOR DIM A, AND B SEE SHEET 2 AND UP.
3. BODY MATERIAL: LIQUID CRYSTAL
POLYMER 30 % GLASS.
FLAME RETARDANT ACC. UL 94-V0.
4. PIN MATERIAL
PHOSPHOR BRONZE:
5. PLATING ON: PRESS-FIT AREA SEE PRODUCT NUMBER TABLE.
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE
LEVEL SHOWN IN TABLE ON SHEET3.
6. PRODUCT MARKING:
PART NUMBER DESIGNATION & BATCH I.D.
7. ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT
TABLES WILL BE PACKAGED IN TUBES. IF TRAY PACKAGING
IS REQUIRED, SUFFIX "P" WILL BE ADDED TO THE END OF
THE PART NUMBER. EXAMPLE: XXXXX-XXXXP OR XXXXX-XXXXPLF
8. PRODUCT SPECIFICATION:
GS-12-180
9. APPLICATION SPECIFICATION:
BUS-20-073
10. AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
11. THE PRODUCTS WHERE THE PART NUMBERS ENDS IN
LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER
COUNTRY REGULATIONS AS DESCRIBED IN GS-12-008.
11. ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS
CONTAINING 70452-NI--- OR 70452-N5--- WILL WITHSTAND
EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A
CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
PART NUMBERS 70452-NI--- AND 70452-N5--- WILL NOT
WITHSTAND REFLOW AND THE Au CONTACT SURFACE
OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140
DEGREES C FOR NO LONGER THAN 15 SECONDS IN A
WAVE SOLDER APPLICATION.

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mat'l code				tolerances unless otherwise specified			CUSTOMER COPY	projection	title
ltr	ecn no.	dr	date	linear	0. X ± 0.3	angles			
P					0. XX ± 0.13				METRAL SIGNAL HEADER
					. XXX ± .051				5 MOD, 4 ROW PRESS-FIT
					0° ± 2°				
		dr	T.BRUNGARD	11/19/99			MM	product family	METRAL
		engr	M.STRAWSER	11/19/99					
		chr	M.STRAWSER	11/19/99			scale	size	dwg no
		appd	M.STRAWSER	02/29/00					
							I : 1	A	70452
	sheet	revision							
	index	sheet							

1 | 2 Pro/E 3 | 4 cage code 22526



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mat'l code				tolerances unless otherwise specified		CUSTOMER	FCI	www.fciconnect.com		
ltr	ecn no.	dr	date	0. X \pm 0.3	COPY					
P				0. XX \pm 0.13	projection	METRAL SIGNAL HEADER 5 MOD, 4 ROW PRESS-FIT				
				. XXX \pm .051						
				0° \pm 2°						
dr				T. BRUNGARD 11/19/99	MM — — — — — scale	product family		METRAL	code	
engr				M. STRAWSER 11/19/99		size	dwg no			213
chr				M. STRAWSER 11/19/99			A		70452	sheet
oppd				M. STRAWSER 02/29/00			:			5
sheet	revision									
index	sheet									

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