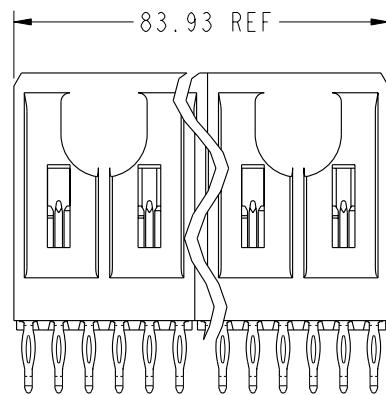
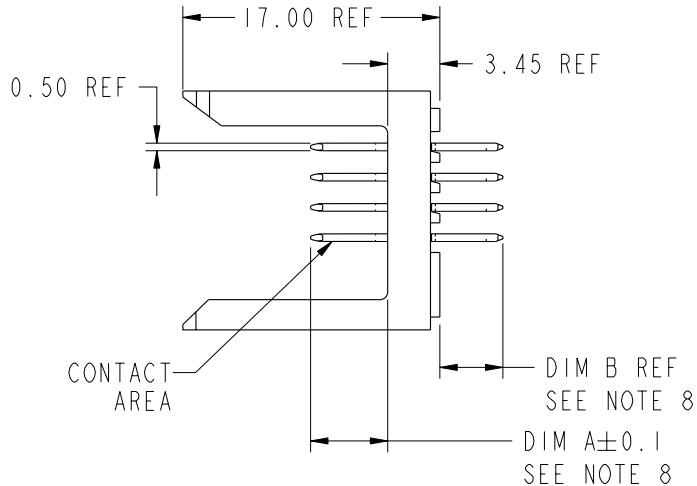
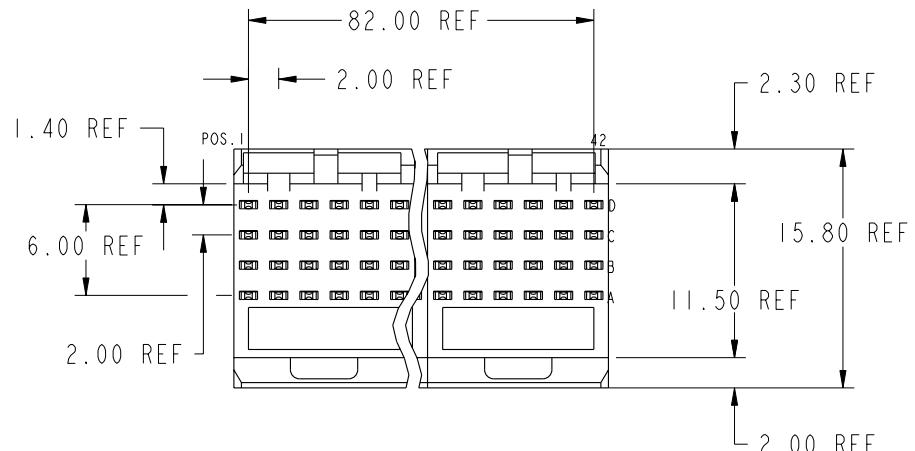




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PRODUCT NUMBER
SEE TABLE



mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER COPY	title	product family	METRAL	code
ltr	ecn no.	dr	date			linear	0.0 ± 0.3					
P	V06-0498	DCH	2006-06-02				0.0 ± 0.3	projection				
-	-	-	-				0.0 ± 0.13					
J	V03-0023	TAB	02/06/03				.XXX ± .051					
K	V03-1319	DAI	12/17/03	dr	T.BRUNGARD	11/19/99			MM			
L	V04-0617	TAB	07/07/04	engr	M.STRAWSER	11/19/99				product family	METRAL	code
M	V05-0119	HTB	02/02/05	chr	M.STRAWSER	11/19/99				size	dwg no	213
N	V05-0364	VS	05/05/05	appd	M.STRAWSER	02/29/00						
									scale			
									2:1			
sheet		revision	P	P	P	P						
index		sheet	1	2	3	4	5					

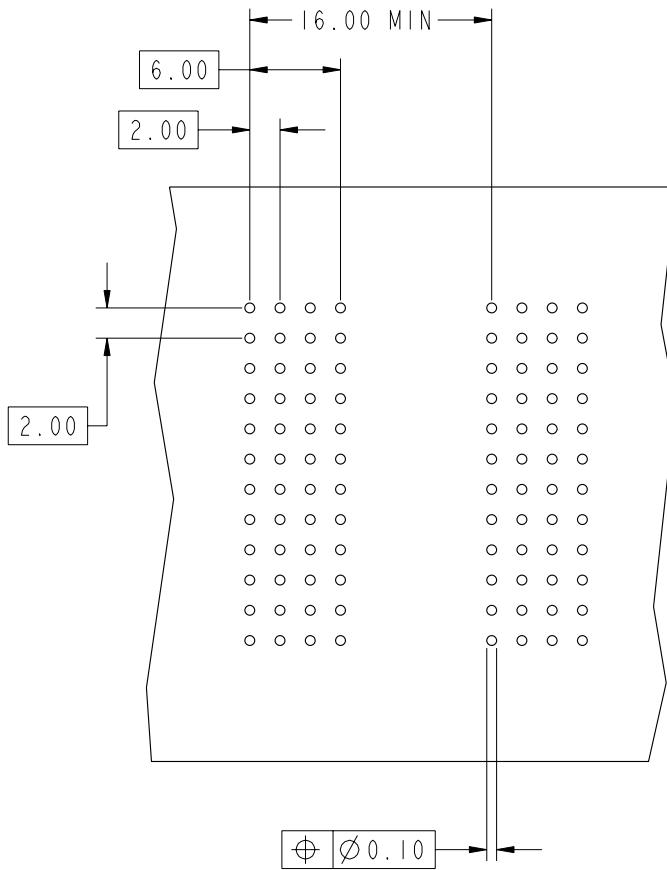
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3 |

4



REQUIRED PC BOARD LAYOUT
COMPONENT SIDE

SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

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

A

A

mat'l code				tolerances unless otherwise specified			CUSTOMER COPY	FCI	www.fciconnect.com
ltr	ecn no.	dr	date	linear	0. X ± 0.3	projection			
P					0. XX ± 0.13				
					.XXX ± .051				
				angles	0° ± 2°				
				dr	T.BRUNGARD	11/19/99	MM	product family scale	METRAL SIGNAL HEADER 7 MOD, 4 ROW PRESS-FIT dwg no A
				engr	M.STRAWSER	11/19/99			
				chr	M.STRAWSER	11/19/99			
				appd	M.STRAWSER	02/29/00			
sheet index		revision sheet							

B

B

1 | 2

Pro/E

3 |

22526

4

PRODUCT NUMBER	DESCRIPTION	PLATING IN PRESS FIT TAIL AREA	PERFORMANCE LEVEL OF PLATING IN CONTACT AREA
70454-N1YYY	STANDARD	TIN LEAD	TELCORDIA UE (NXT)
70454-N5YYY	STANDARD	TIN LEAD	TECORDIA CO (NXT)
70454-1YYY	STANDARD	TIN LEAD	TELCORDIA CO
70454-2YYY	STANDARD	TIN LEAD	TELECOM CLASS
70454-3YYY	STANDARD	TIN LEAD	IEC CLASS I
70454-5YYY	STANDARD	TIN LEAD	TELCORDIA UE
70454-9YYY	STANDARD	TIN LEAD	TELCORDIA CO
70454-N1YYYL	LEAD FREE	TIN	TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 9 AND 10
70454-N5YYYL	LEAD FREE	TIN	TECORDIA UE (NXT) SEE NOTES 9 AND 10
70454-1YYYL	LEAD FREE	TIN	TELCORDIA CO, IEC CLASS I, SEE NOTES 9 AND 10
70454-2YYYL	LEAD FREE	TIN	TELECOM CLASS, SEE NOTES 9 AND 10
70454-5YYYL	LEAD FREE	TIN	TELCORDIA UE, SEE NOTES 9 AND 10

NOTES:

1. FOR DIM A AND B SEE DRAWING 70451, SHEETS 2 - 8 FOR DASH NUMBERS -X010 THROUGH -X099. FOR DASH NUMBERS -X300 AND UP, SEE SHEET 3 AND UP FOR SELECT LOAD.
2. BODY MATERIAL: LIQUID CRYSTAL
POLYMER 30 % GLASS.
FLAME RETARDANT ACC. UL 94-V0.
3. PIN MATERIAL
PHOSPHOR BRONZE:
4. PLATING ON: PRESS-FIT AREA SEE PRODUCT NUMBER TABLE.
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE ON SHEET3.
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, SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER. EXAMPLE: XXXXX-XXXXP OR XXXXX-XXXPLF
7. PRODUCT SPECIFICATION:
GS-12-180
APPLICATION SPECIFICATION:
BUS-20-073
8. AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL
9. THE PRODUCTS WHERE THE PART NUMBERS ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-12-008.
10. ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING 70454-NI--- OR 70454-N5--- WILL WITHSTAND EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLow OVEN. PART NUMBERS 70454-NI--- AND 70454-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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10

mat'l code --				tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com		
ltr	ecn no.	dr	date	0. X ± 0.3						
P				linear	0. XX ± 0.13	projection	title	METRAL SIGNAL HEADER 7 MOD, 4 ROW PRESS-FIT		
					. XXX ± 0.051					
				angles	0° ± 2°		product family	METRAL	code	
				dr	T. BRUNNARD 11/19/99				MM	size
				engr	M. STRAWSER 11/19/99		scale	A	70454	sheet
				chr	M. STRAWSER 11/19/99					
				oppd	M. STRAWSER 02/29/00	1 : 1				
sheet		revision								
index		sheet								

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REV F - 2006-04-18

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI		
Itr	ecn no.	dr	date	0. X \pm 0.3		COPY		www.fciconnect.com		
P				linear 0. XX \pm 0.13		projection		title		
				. XXX \pm .051				METRAL SIGNAL HEADER		
				angles 0° \pm 2°				7 MOD, 4 ROW PRESS-FIT		
				dr	T. BRUNGARD 11/19/99	product family		METRAL		code
				engr	M. STRAWSER 11/19/99	size		dwg no		213
				chr	M. STRAWSER 11/19/99	scale		A 70454		sheet
				oppd	M. STRAWSER 02/29/00	:				4
sheet	revision									
index	sheet									

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mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI			
ltr	ecn no.	dr	date	0. X ± 0.3		COPY		www.fciconnect.com			
P				linear 0. XX ± 0.13		projection		title METRAL SIGNAL HEADER 7 MOD, 4 ROW PRESS-FIT			
				angles . XXX ± . 051							
				0° ± 2°							
		dr	T. BRUNNARD	11/19/99		product family METRAL		code 213			
		engr	M. STRAWSER	11/19/99							
		chr	M. STRAWSER	11/19/99						size dwg no	
		oppd	M. STRAWSER	02/29/00							
sheet index		revision sheet									
page code											