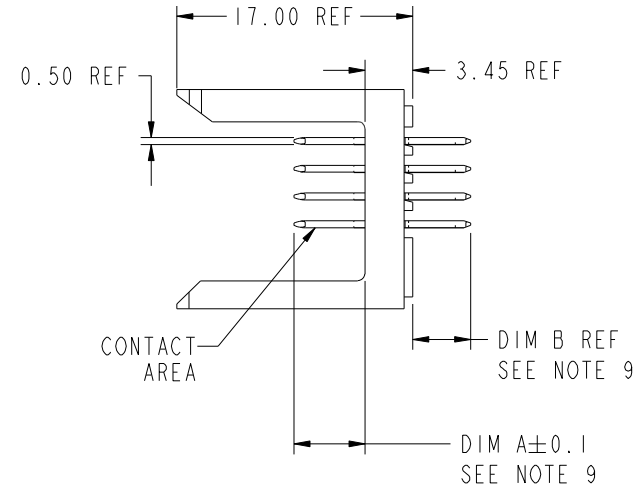
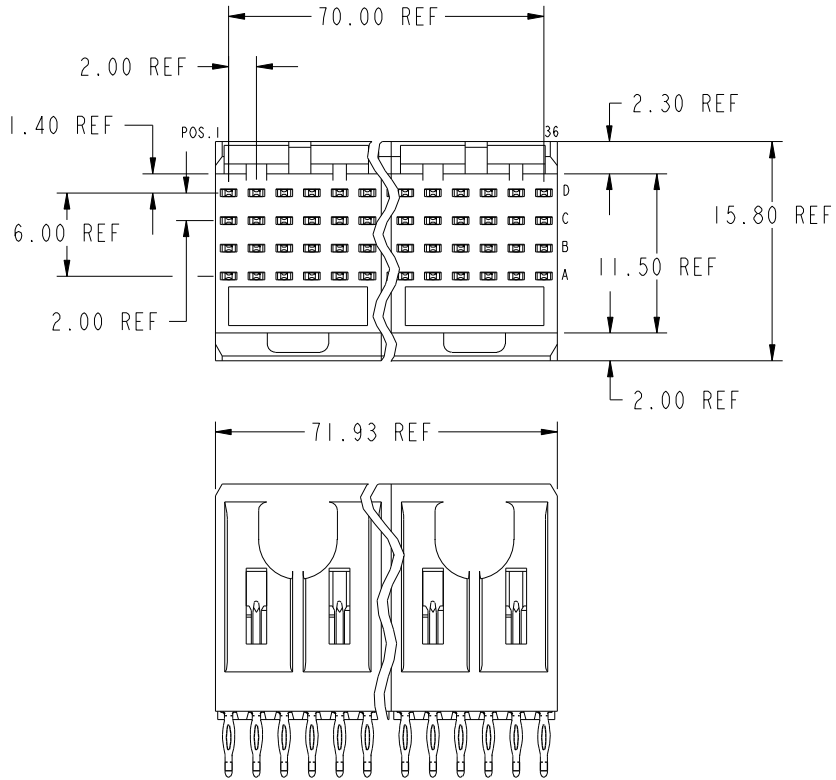


PRODUCT NUMBER
SEE TABLE



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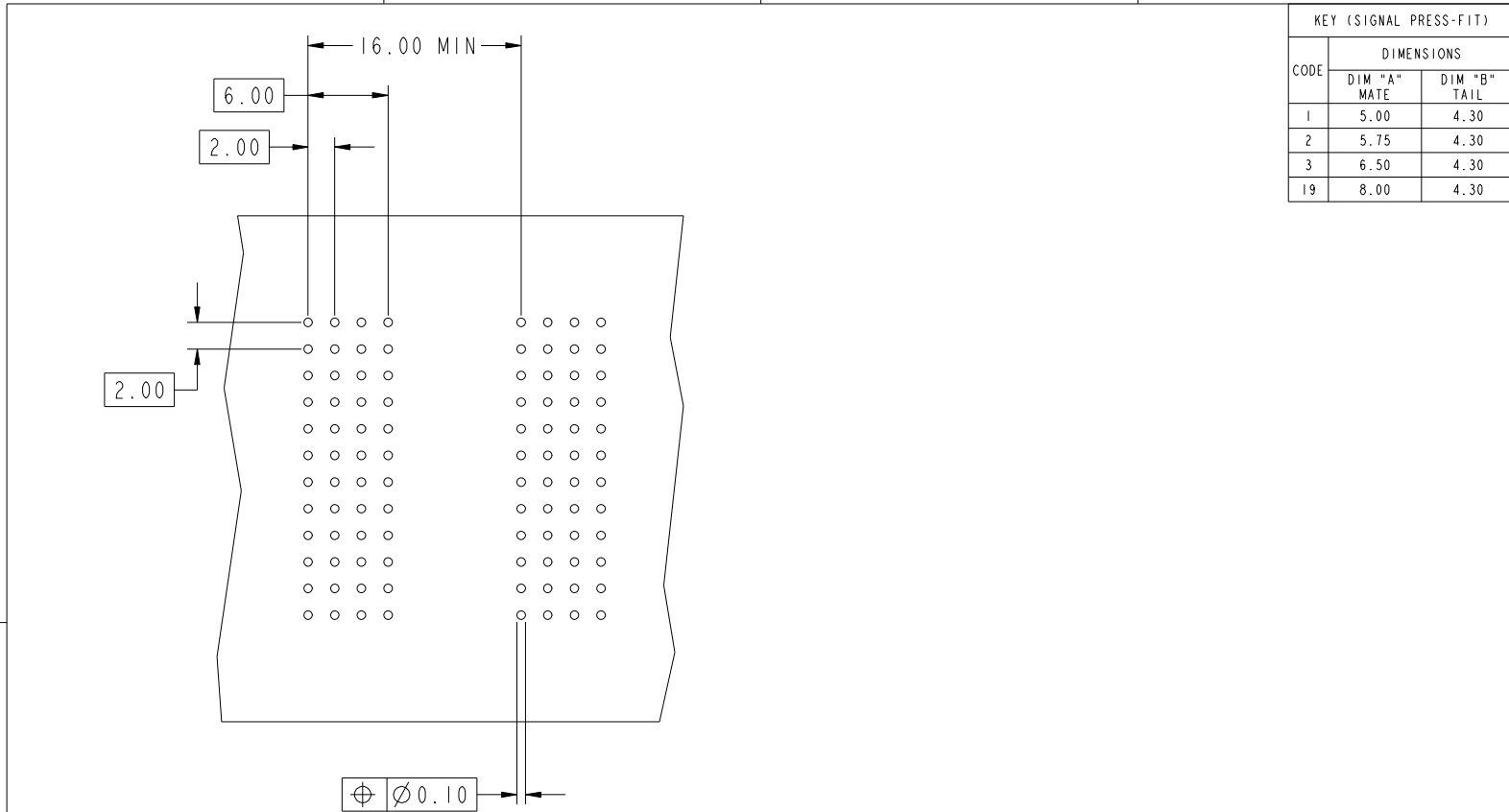
mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ± 0.3	projection		COPY		www.fciconnect.com	
P	V06-0498	DCH	2006-06-02		0.XX ± 0.13	MIM		title		METRAL SIGNAL HEADER	
R	DG08-0228	Cenh	08/21/08	angles	.XXX ± .051	2:1		product family		METRAL	
-	-	-	-		0° ± 2°	scale		size		213	
K	V03-0318	TAB	03/18/03	dr	T.BRUNGARD	11/19/99		dwg no		1 of 5	
L	V03-1319	DAI	12/17/03	enrg	M.STRAWSER	11/19/99		70453			
M	V04-0617	TAB	07/07/04	chr	M.STRAWSER	11/19/99		A			
N	V05-0362	VS	05/04/05	appd	M.STRAWSER	02/29/00		cage code		22526	
sheet	revision	R	R	R	R	R					
index	sheet	1	2	3	4	5					



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A

B



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
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		 www.fciconnect.com	
ltr	ecm no.	dr	date	linear	0.X ±0.3	COPY		title	
R					0.XX ±0.13	projection		METRAL SIGNAL HEADER	
				angles	.XXX ±.051			6 MOD, 4 ROW PRESS-FIT	
				dr	0° ±2°			product family	
				enr	T.BRUNGARD 11/19/99	scale		METRAL	
				chr	M.STRAWSER 11/19/99	1:1		code	
				appd	M.STRAWSER 02/29/00	A		213	
sheet index		revision sheet						size	
								dwg no	
								70453	
								sheet	
								2	

A

B

REV E - 2008-04-18

Pro/E

cage code 22526

PRODUCT NUMBER	DESCRIPTION	PLATING IN PRESS FIT TAIL AREA	PERFORMANCE LEVEL OF PLATING IN CONTACT AREA
70453-N1YYY	STANDARD	TIN LEAD	TELCORDIA CO (NXT)
70453-N5YYY	STANDARD	TIN LEAD	TECORDIA UE (NXT)
70453-1YYY	STANDARD	TIN LEAD	TELCORDIA CO
70453-2YYY	STANDARD	TIN LEAD	TELECOM CLASS
70453-3YYY	STANDARD	TIN LEAD	IEC CLASS I
70453-5YYY	STANDARD	TIN LEAD	TELCORDIA UE
70453-9YYY	STANDARD	TIN LEAD	TELCORDIA CO
70453-N1YYYLF	LEAD FREE	TIN	TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 10 AND 11
70453-N5YYYLF	LEAD FREE	TIN	TECORDIA UE (NXT) SEE NOTES 10 AND 11
70453-1YYYLF	LEAD FREE	TIN	TELCORDIA CO, IEC CLASS I, SEE NOTES 10 AND 11
70453-2YYYLF	LEAD FREE	TIN	TELECOM CLASS, SEE NOTES 10 AND 11
70453-5YYYLF	LEAD FREE	TIN	TELCORDIA UE, SEE NOTES 10 AND 11

NOTES:

- 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.
- FOR DIM A, AND B SEE SHEET 2 AND UP.
- BODY MATERIAL: LIQUID CRYSTAL POLYMER 30 % GLASS. FLAME RETARDANT ACC. UL 94-V0.
- PIN MATERIAL PHOSPHOR BRONZE:
- PLATING ON: PRESS-FIT AREA SEE PRODUCT NUMBER TABLE. PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE ON SHEET3.
- PRODUCT MARKING: PART NUMBER DESIGNATION & BATCH I.D.
- 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
- PRODUCT SPECIFICATION: GS-12-180 APPLICATION SPECIFICATION: BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- THE PRODUCTS WHERE THE PART NUMBERS ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-12-008.
- ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING 70453-N1--- OR 70453-N5--- WILL WITHSTAND EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS 70453-N1--- AND 70453-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		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		title	
R					0.XX ±0.13	projection		METRAL SIGNAL HEADER	
				angles	.XXX ±.051			6 MOD, 4 ROW PRESS-FIT	
				dr	0° ±2°	MIM		product family	
				enrg	T.BRUNGARD 11/19/99			METRAL	
				chr	M.STRAWSER 11/19/99	scale		code	
				appd	M.STRAWSER 02/29/00	1:1		213	
sheet index	revision sheet					A		70453	
								3	
								sheet 3	



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METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2				MOD. 3				MOD. 4				MOD. 5				MOD. 6															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
70453-X305 AND 70453-X305LF	D																																				
	C																																				
	B																																				
	A																																				

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com		
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY			title METRAL SIGNAL HEADER 6 MOD, 4 ROW PRESS-FIT
R					0.XX ±0.13					
					.XXX ±.051					
				angles	0° ±2°				product family METRAL code 213	
					dr	T.BRUNGARD	11/19/99	size		dwg no 70453 sheet 5
				enr	M.STRAWSER	11/19/99	scale		A	
				chr	M.STRAWSER	11/19/99	1:1			
				appd	M.STRAWSER	02/29/00				
sheet index	revision sheet									

cage code 22526