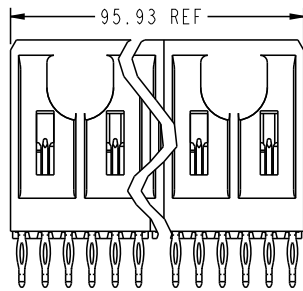
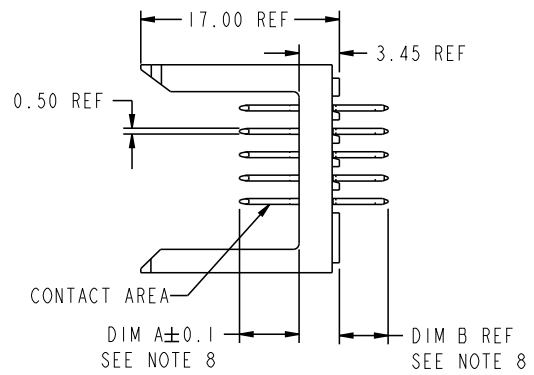
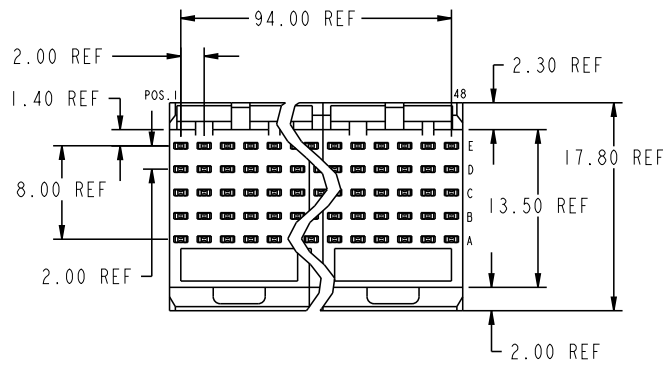


PRODUCT NUMBER
89009-XYX
89009-XYXLF



mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCJ		www.fciconnect.com		
lfr	ecm no.	dr	date	linear	0.X ±0.3	projection	COPY	title				
S	V06-0573	DCH	2006-06-14		0.XX ±0.13			METRAL SIGNAL HEADER				
T	DG09-0256	TER	2009-08-19		.XXX ±.051			8 MOD, 5 ROW PRESS-FIT				
-	-	-	-	angles	0° ±2°			product family				
M	V03-1321	DAI	01/15/04	dr	T.BRUNGARD	11/19/99		METRAL				
N	V04-0459	LP	5/25/04	engr	M.STRAWER	11/19/99	MM	size	dwg no	code		
P	V04-1100	LP	5/25/04	chr	M.STRAWER	11/19/99	scale	A	89009	213		
R	V05-0667	TAB	7/15/05	oppd	M.STRAWER	02/29/00	2:1	sheet				
sheet	revision	T	T									1 of 25
index	sheet	I	25									



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REV E - 2006-04-18

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PDM: Rev:T

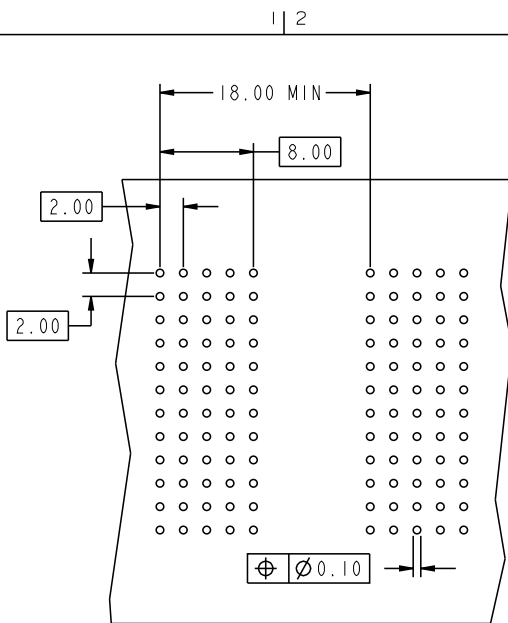
STATUS:Released

Printed: Feb 20, 2010

code code 22526



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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	4.30
2	5.75	4.30
3	6.50	4.30
4	7.25	4.30
5	5.00	13.60
6	5.75	13.60
7	6.50	13.60
8	7.25	13.60
9	5.00	17.00
10	5.75	17.00
11	6.50	17.00
12	7.25	17.00
13	8.25	4.30
14	8.25	13.60
15	8.25	17.00
16	7.00	4.30
17	7.00	13.60
18	7.00	17.00
19	8.00	4.30
20	8.00	13.60
21	8.00	17.00

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCJ		www.fcjconnect.com	
ltr	ecn no.	dr	date	linear	0. XX ±0.13	projection	COPY	title	METRAL SIGNAL HEADER		
				angles	.XXX ±.051	MM		8 MOD, 5 ROW PRESS-FIT			
				dr	T. BRUNGARD 11/19/99	scale	1:1	product family	METRAL	code	213
				engr	M. STRAWSER 11/19/99	size	A	dwg no	89009	sheet	2
				chr	M. STRAWSER 11/19/99						
				oppd	M. STRAWSER 02/29/00						
sheet index	revision sheet							code code	22526		

PDM: Rev:T STATUS:Released Printed: Feb 20, 2010

1 | 2

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PRODUCT NUMBER
89009-XYX
89009-XYLFF

NOTES:

- 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 TAIL:
89009-XYX IS SnPb
89009-XYLFF IS SN (LEAD FREE)
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE BELOW.
- PRODUCT MARKING:
PART NUMBER DESIGNATION & BATCH I.D.

- ⑩ FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.
EXAMPLE: 89008-XOILF
- ⑪ -AYY PLATIN HAS Au FLASH IN PRESS-FIT AREA (LEAD FREE).

- 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
- 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 NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING (DRAWING NO.)-N1--- 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.)-N1--- AND (DRAWINGS NO.)-N5---WILL NOT WITHSTAND REFLOW AND Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140°C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-AYY	TELCORDIA CO	SEE NOTE 11
-N1YY	TELCORDIA CO (NXT)	-
-N5YY	TELCORDIA UE (NXT)	-
-1YY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-N1YLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 9
-N5YLF	TELCORDIA UE (NXT)	SEE NOTE 9
-1YLF	TELCORDIA CO IEC CLASS I	SEE NOTE 9
-2YLF	TELECOM CLASS	SEE NOTE 9
-5YLF	TELCORDIA UE	SEE NOTE 9

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCJ	
lfr	ecm no.	dr	date	linear	0.X ±0.3	projection	www.fcjconnect.com	COPY	
T				angles	0.XX ±0.13		title METRAL SIGNAL HEADER		
				dr	.XXX ±.051	MM	8 MOD, 5 ROW PRESS-FIT		
				eng	0° ±2°	scale	product family	code	
				chr	T.BRUNGARD 11/19/99	1:1	METRAL	213	
				appd	M.STRAWER 11/19/99		size	sheet	
					M.STRAWER 02/29/00		dwg no	25	
sheet index	revision sheet						89009		



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cage code 22526