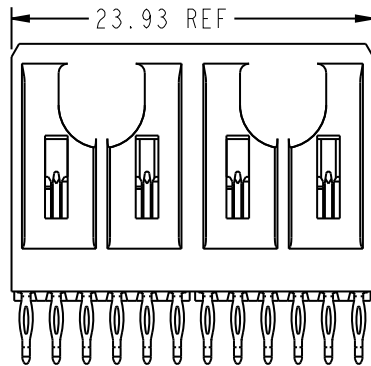
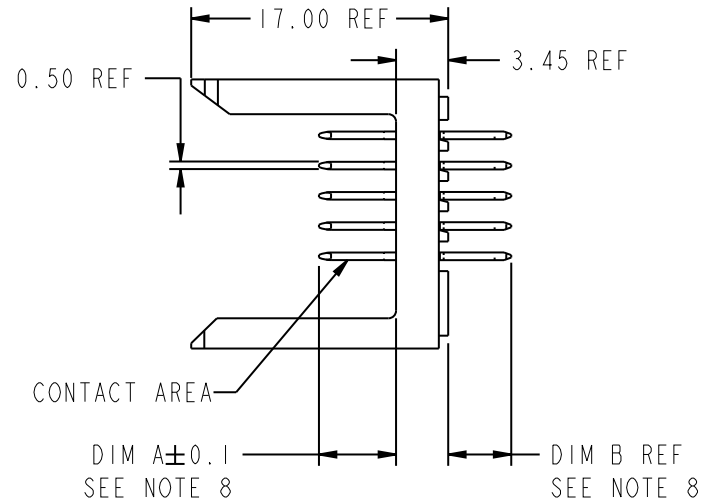
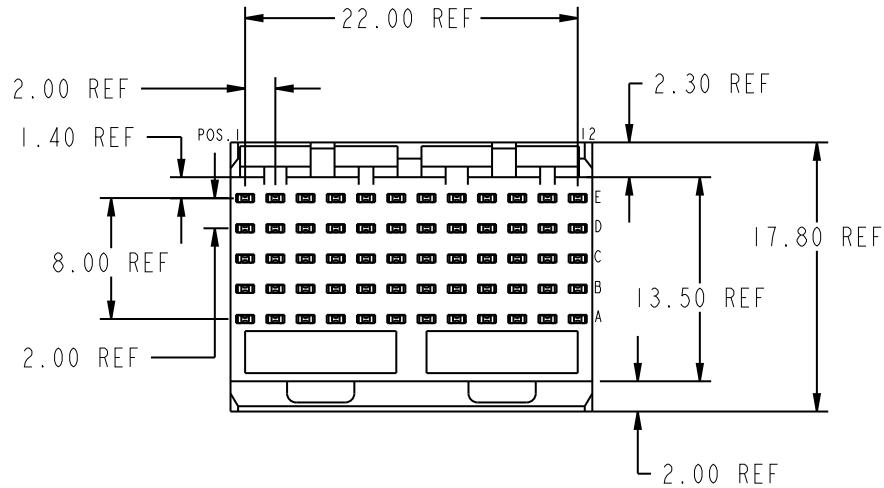


PRODUCT NUMBER
85832-XY
85832-XYLF



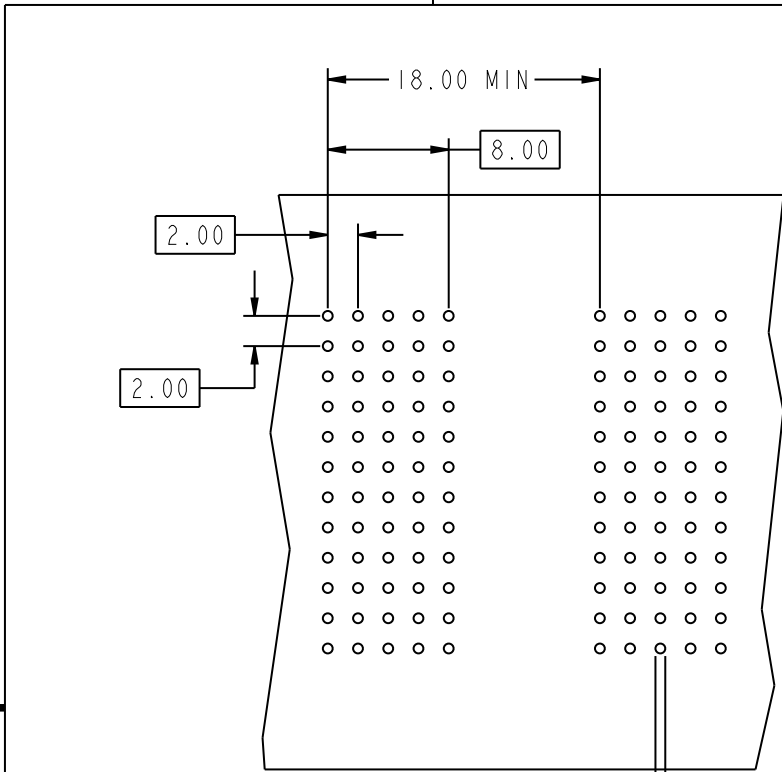
mat'l code				tolerances unless otherwise specified				CUSTOMER		FCJ www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3			COPY		title	
T	V06-0569	DCH	2006-06-12		0.XX ±0.13			projection		METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT	
U	DG09-0256	TER	2009-08-19		.XXX ±.051						
-	-	-	-	angles	0° ±2°					product family METRAL code	
N	V04-0559	HTB	06/01/04	dr	T.BRUNGARD	11/19/99	scale		size		213
P	V04-1059	HTB	10/25/04	enr	M.STRAWSER	11/19/99	2:1		dwg no		1 of 8
R	V04-1100	DAI	01/20/05	chr	M.STRAWSER	11/19/99	A		85832		
S	V05-0235	LP	3/30/05	appd	M.STRAWSER	02/29/00					
sheet	revision	U	U	U	U	U	U	U			
index	sheet	1	2	3	4	5	6	7	8		



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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
22	5.00	12.10
25	5.75	15.60

KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
40	5.00	15.60
41	6.50	15.60
42	7.25	15.60
43	8.00	15.60
44	5.75	12.10
45	6.50	12.10
48	5.00	15.10
54	5.00	11.50
55	5.75	11.50
56	6.50	11.50
59	5.00	11.80
60	5.75	11.80
61	6.50	11.80
62	7.25	11.80
63	8.00	11.80
64	5.75	14.90

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

cage code 22526



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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X53	E	42	42	42	42	42	42	42	42	42	42	42	42
	D	42	42	42	42	42	42	42	42	42	42	42	42
-----	C	42	42	42	42	42	42	42	42	42	42	42	42
85832-X53LF	B	42	42	42	42	42	42	42	42	42	42	42	42
	A	42	42	42	42	42	42	42	42	42	42	42	42
85832-X54	E	43	43	43	43	43	43	43	43	43	43	43	43
-----	D	43	43	43	43	43	43	43	43	43	43	43	43
-----	C	43	43	43	43	43	43	43	43	43	43	43	43
85832-X54LF	B	43	43	43	43	43	43	43	43	43	43	43	43
	A	43	43	43	43	43	43	43	43	43	43	43	43
85832-X55	E	11	11	11	11	11	11	11	11	11	11	11	11
-----	D	11	11	11	11	11	11	11	11	11	11	11	11
-----	C	12	12	12	12	12	12	12	12	12	12	12	12
85832-X55LF	B	21	21	21	21	21	21	21	21	21	21	21	21
	A	21	21	21	21	21	21	21	21	21	21	21	21
85832-X56	E	11	11	11	11	11	11	11	11	11	11	11	11
-----	D	11	11	11	11	11	11	11	11	11	11	11	11
-----	C	11	11	11	11	11	11	11	11	11	11	11	11
85832-X56LF	B	21	21	21	21	21	21	21	21	21	21	21	21
	A	11	11	11	11	11	11	11	11	11	11	11	11
85832-X57	E	7	7	7	7	7	7	7	7	7	7	7	7
-----	D	7	7	7	7	7	7	7	7	7	7	7	7
-----	C	8	8	8	8	8	8	8	8	8	8	8	8
85832-X57LF	B	20	20	20	20	20	20	20	20	20	20	20	20
	A	20	20	20	20	20	20	20	20	20	20	20	20
85832-X58	E	7	7	7	7	7	7	7	7	7	7	7	7
-----	D	7	7	7	7	7	7	7	7	7	7	7	7
-----	C	7	7	7	7	7	7	7	7	7	7	7	7
85832-X58LF	B	20	20	20	20	20	20	20	20	20	20	20	20
	A	7	7	7	7	7	7	7	7	7	7	7	7
85832-X59	E	2	2	2	2	2	2	2	2	2	2	2	2
-----	D	2	2	2	2	2	2	2	2	2	2	2	2
-----	C	2	2	2	2	2	2	2	2	2	2	2	2
85832-X59LF	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2
85832-X60	E	4	4	4	4	4	4	4	4	4	4	4	4
-----	D	4	4	4	4	4	4	4	4	4	4	4	4
-----	C	4	4	4	4	4	4	4	4	4	4	4	4
85832-X60LF	B	1	1	1	1	1	1	1	1	1	1	1	1
	A	4	4	4	4	4	4	4	4	4	4	4	4
85832-X61	E	2	2	2	2	2	2	2	2	2	2	2	2
-----	D	2	2	2	2	2	2	2	2	2	2	2	2
-----	C	2	2	2	2	2	2	2	2	2	2	2	2
85832-X61LF	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	1	1	1	1	1	1	1	1	1	1	1	1
85832-X62	E	64	64	64	64	64	64	64	64	64	64	64	64
-----	D	64	64	64	64	64	64	64	64	64	64	64	64
-----	C	64	64	64	64	64	64	64	64	64	64	64	64
85832-X62LF	B	64	64	64	64	64	64	64	64	64	64	64	64
	A	64	64	64	64	64	64	64	64	64	64	64	64
85832-X63	E	1	1	1	1	1	1	1	1	1	1	1	1
-----	D	2	2	2	2	2	2	2	2	2	2	2	2
-----	C	2	2	2	2	2	2	2	2	2	2	2	2
85832-X63LF	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2
85832-X64	E	3	3	3	3	3	3	3	3	3	3	3	3
-----	D	3	3	3	3	3	3	3	3	3	3	3	3
-----	C	3	3	3	3	3	3	3	3	3	3	3	3
85832-X64LF	B	3	3	3	3	3	3	3	3	3	3	3	3
	A	1	1	1	1	1	1	1	1	1	1	1	1

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.XX ±0.13	projection	COPY		title METRAL SIGNAL HEADER		
U				angles					2 MOD, 5 ROW PRESS-FIT		
		dr	T.BRUNGARD	11/19/99		MM	product family METRAL		code 213		
		enrg	M.STRAWSER	11/19/99		← MM →	size		dwg no 85832		sheet 7
		chr	M.STRAWSER	11/19/99		scale 1:1	A				
		appd	M.STRAWSER	02/29/00							
sheet index	revision sheet										

PRODUCT NUMBER
85832-XYX
85832-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:
85832-XYX IS SnPb
85832-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.
- 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

PLATING IN CONTACT AREA		NOTES
DASH NUMBER	PERFORMANCE LEVEL	
-NIYY	TELCORDIA CO (NXT)	-
-N5YY	TELCORDIA UE (NXT)	-
-1YY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-NIYYLFF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 9
-N5YYLFF	TELCORDIA UE (NXT)	SEE NOTE 9
-1YYLFF	TELCORDIA CO IEC CLASS I	SEE NOTE 9
-2YYLFF	TELECOM CLASS	SEE NOTE 9
-5YYLFF	TELCORDIA UE	SEE NOTE 9

- PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-073

- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- 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.)-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 MAXIMUM 140°C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

- REFER TO 89007 FOR OTHER LOAD VARIATIONS.



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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		projection		
U					0.XX ±0.13					title METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT
					.XXX ±.051	product family METRAL code				
				angles 0° ±2°	size dwg no		213			
		dr	T.BRUNGARD	11/19/99	scale 1:1		sheet 8			
		engr	M.STRAWSER	11/19/99			85832			
		chr	M.STRAWSER	11/19/99						
		appd	M.STRAWSER	02/29/00						
sheet index	revision sheet									

cage code 22526