



2.00

2.00

-ċ ò

-0 0

0 0

0 0

0

0

0 0

0 0

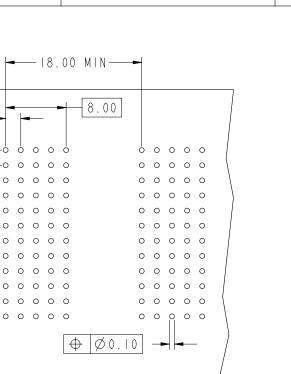
0 0

0 0

0

0





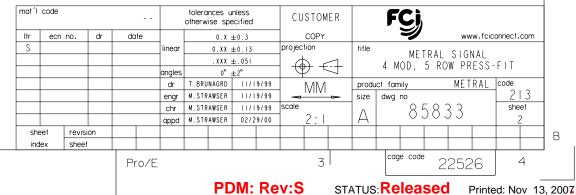
REQUIRED PC BOARD LAYOUT COMPONENT SIDE SEE PRINT 58351 FOR ADDITIONAL PCB INFORMATION

12

		Ċ)
	KEY		
	DIMEN	SIONS	
CODE	DIM "A" MATE	DIM "B" TAIL	
Ι	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	
3	8.25	4.30	
4	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	

		4
	KEY	
0005	DIMEN	SIONS
CODE	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
		•

А



А

This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

REV E - 2006-04-18

															3												4
MOD. 3	MOD. 4					METR	AL			МО). I			١	MOD	. 2			MO	D. 3	3			MOD.	4		
4 5 6 7 8	1920212223	24				P/N	4	RON	T	23	4	5	6 7	8	9	101	112	3	4 5	5 6	7	8 9	20	212	222	3 2 4]
5 25 25 25 25	25 25 25 25 25	25				85833-	X05	Ε	444	444	44	44	444	4 4 4	44	444	4 4 4	44	4444	44	44 4	4 4 4	44	44	144	4 4 4	
5 2 5 2 5 2 5 2 5	25 25 25 25 25	25						D	222	2 2 2 2	22	22	22 23	2 2 2	22	222	2 2 2	22	22 27	2 2 2	222	2 2 2	22	222	22 2	2 2 2	
5 25 25 25 25	25 25 25 25 25	25						С	444	444	44	44	444	4 4 4	44	444	4 4 4	44	4444	44	444	4 4 4	44	444	144	4 4 4	
	25 25 25 25 25	_							-	_	-		_	-		_	_		_	-		_	-	444	_	_	
5 2 5 2 5 2 5 2 5	25 25 25 25 25	25			l	85833-)	(05LF	A	454	5 4 5	5 4 5	45	45 4	5 4 5	45	454	545	45	45 45	5 4 5	454	5 4 5	45	454	154	5 4 5	J
MOD. 3	MOD. 4					METR	AI			мо).			١	MOD	. 2			МО	D	3			MOD.	4]
4 5 6 7 8	1920212223	24				P/N		ROW	T	2 3	4	5	6 7	8	9	101	1 1 2	13	1415	5 1 6	171	8 9	20	212	22 2	3 2 4	
1 1 1 1		Τ				85833-	VOG	E	T	1 1	1	Т	1 1	1	I	1	1	T	1 1	T	Т	11	1	1		-	
3 3 3 3	3 3 3 3 3	3				01011		D	T	1 1	T	Т	1 1	1	T	1			1 1	T	Т	11	1	1	1	1 1	
9 1 9 1 9 1 9 1 9	19 19 19 19 19	19						С	3	3 3	3	3	3 3	3	3	3 3	3 3	3	3 3	3	3.	3 3	3	3	3 3	3 3	
3 3 3 3	3 3 3 3 3	3						В	T	1 1	1	Т	1 1	1	T	1		T	1 1	T	I	11	1	T	1 1	1	
1 1 1 1		Т				85833-)	(06LF	A	Т	1 1	1	Т	1 1	1	Т	1		T	1 1	1	T	11	I	T	I I	1	
MOD. 3	MOD. 4				[NETO	A.1			мо).			1	MOD	. 2			мо	D. 3	3			MOD.	4]
	1920212223	24				METR P/N		ROW	1		4		6 7				112	13		_		8 1 9		212		3 2 /	-
	3 3 3 3 3 3	3						E	-	919	-		1911	-		-	_	19	_	+	191	-	19	+	-	9 1 9	-
	3 3 3 3 3	3				85833-	×07	D	-	4 4	-		4 4		4	4 4		4	4 4			4 4	-		4 4	-	-
3 3 3 3		3						C	-	4 4			4 4	-		-	1 4	\vdash	4 4	-		4 4	-		-	4 4	-
	1919191919	_					F	В		4 4			4 4	-	4	4 4	_	4	4 4	-		4 4	<u> </u>		-	4 4	-
3 3 3 3	3 3 3 3 3 3	3				85833-)	(07LF	A	-	4 4		4	4 4		4	4 4		4	4 4	-		4 4	4		4 4	-	
					l I						1		-									-			_		J
MOD. 3	MOD. 4					METR P/N	AL			MO).			1	MOD	. 2			MO	D. :	3		1	MOD.	4	_	
4 5 6 7 8	1920212223	24				F71	۱ ۱	ROW	1	23	4	5	6 7	8	9	101	112	13	1415	516	171	8 9	20	212	22	3 2 4	
3 3 3 3	3 3 3 3 3	3				85833-	X08	Ε	202	20 20	20	20	202	0 2 0	20	202	020	20	2020	20	202	020	20	202	2 0 2	020	
0 10 10 10 10	10 10 10 10 10	10						D	8	8 8	8	8	8 8	8	8	8 8	3 8	8	8 8	8	8	3 8	8	8	8 8	38	
0 10 10 10 10	10 10 10 10 10	10						С	8	8 8	8	8	8 8	8	8	8 8	3 8	8	8 8	8	8	8 8	8	8	8 8	3 8	_
9999	999999	9						В	8	8 8	8	8	8 8	8	8	8 8	3 8	8	8 8	8	8	3 8	8	8	8 8	3 8	
0 1 0 1 0 1 0 1 0	1010101010	10				85833-)	(0811	A	8	8 8	8	8	8 8	8	8	8 8	3 8	8	8 8	8	8	3 8	8	8	8 8	3 8	
	m	iat'l	code				toleran otherwis						Cl	JST	OMI	ER			f	7)			-			
		ltr	ecn no.	dr	date				±0			-		CO	ΡY					1	Ĭ			W	ww.	fcicc	nnect.com
		S				linear		0.XX				ρ	rojec	ction			ti	tle			MFI	۳RA	1	SIG	NΔ	1	
								. X X X				_	-(-	₽	÷	1			4					V PF			FIT
	-					angles dr	T.BRUN		±2°	H71:	9/99	+			<u> </u>	7	-	rodu	ct fo					ME			code
	-					engr	M.STRA		_		9/99	\neg	-	Μ	IVI	4		ze		no g				ML	1117	<u>، د</u>	2 3
						obr	M STDA		_		0/00	5	cole				1		1 *		01	- 0	2	γ		ł	sheet

chr M.STRAWSER

appd M.STRAWSER

Pro/E

sheet

index

12

revision

sheet

11/19/99 scale

02/29/00

PDM: Rev:S

1:1

3 |

METRAL			Ν	IOD	.				Ν	IOD	. í	2			Ν	10D		3			Ν	10D	. 4	4	
P/N	ROW	T	2	3	4	5	6	7	8	9	10	П	12	3	4	15	16	17	18	19	20	21	22	23	24
85833-X01	Ε	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
00000	D	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
	С	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
	В	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
85833-X01LF	A	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
METRAL			N	IOD	.				N	IOD	. 2	2			N	10D		3			M	10D	. 4	4	
P/N	ROW	T	2	3	4	5	6	7	8	9	10	11	12	13	4	15	16	17	18	19	20	21	22	23	24
85833-X02	Ε	T	Ι	Ι	Ι	1	Τ	1	Ι	Ι	Ι	1	Т	Ι	-	Ι	Ι	-	Ι	Ι	-	Ι	Ι	1	Ι
00000-102	D	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	С	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	В	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
85833-X02LF	Α	1	Ι	Ι	T	I	Ι	T	Ι	Ι	T	I	Ι	T	Ι	Ι	Τ	Ι	Ι	Ι	Ι	I	T	Ι	Ι
METRAL			N	IOD	.				Ν	IOD	. 2	2			N	10D		3			M	10D	. 4	4	
P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12	3	4	15	6	17	18	19	20	21	22	23	24
85833-X03	Ε	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
00000	D	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	С	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	В	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
85833-X03LF	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
METRAL			N	IOD	.				N	IOD	. 2	2			N	10D		3			N	10D	. 4	4	
P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	4	15	16	17	18	19	20	21	22	23	24
85833-X04	Ε	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
00000-104	D	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	С	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	В	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
85833-X04LF	۵	10	10	10			10	10			10			10		10	-	10		10	10			10	10

|| 2



А



REV E - 2006-04-18

В

STATUS: Released

22526

85833

cage code

А

Printed: Nov 13, 2007

4

sheet

3

В

А

	2			3		4
	METRAL MOD. I MOD. 2 MOD. 3 MOD. 4		METRAL P/N	MOD. I MOD. 2	MOD. 3 MOD. 4	
	ROW I Z 3 4 5 6 I 8 9 10 11 12 13 14 15 16 11 18 12 12 12 12 13 14 15 16 11 18 12 12 12 13 14 15 16 11 18 12 12 12 13 14 15 16 11 18 12 12 12 13 14 15 16 11 18 12 12 12 13 14 15 16 11 18 12 12 12 13 14 15 16 11 18 12 12 12 13 14 15 16 11 18 12 12 12 13 14 15 16 11 18 12 12 12 13 14 15 16 11 12 13		85833-XI3		3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
		6 6 6 6			3 3	
		6 6 6 6	85833-XI3LF	B 2 <th2< th=""> <th2< th=""> <th2< th=""></th2<></th2<></th2<>	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
	METRAL MOD. I MOD. 2 MOD. 3 MOD. 4 P/N ROW I 2 3 4 5 6 7 8 9 10 1 12 13 14 15 16 17 18 19 20 21 22 22 23 24 25 24 24 25 24 22 23 24 25 24 24 24 24 24 25 24 24 24 25 24 </th <th></th> <th>METRAL P/N</th> <th>MOD. I MOD. 2 ROW I 2 3 4 5 6 7 8 9 10 1 1</th> <th>MOD. 3 2 3 4 5 6 7 8 9 20 2 22 23 24</th> <th></th>		METRAL P/N	MOD. I MOD. 2 ROW I 2 3 4 5 6 7 8 9 10 1 1	MOD. 3 2 3 4 5 6 7 8 9 20 2 22 23 24	
	85833-X10 E N/A D 2 <td< th=""><th>2 2</th><th>85833-XI4</th><th></th><th>6 6 6 6 6 6 6 6 6 6 </th><th></th></td<>	2 2	85833-XI4		6 6 6 6 6 6 6 6 6 6	
	C 2	2 2 2 2	85833-XI4LF	C 16 </th <th>6 16 16 16 16 16 16 16 16 16 16 16 16 16</th> <th></th>	6 16 16 16 16 16 16 16 16 16 16 16 16 16	
					6 6 6 6 6 6 6 6 6 6	
	METRAL MOD. I MOD. 2 MOD. 3 MOD. 4 P/N ROW I 2 3 4 5 6 7 8 9 10 1 12 13 14 15 16 17 18 19 20 2 1 22 2		METRAL P/N		MOD. 3 MOD. 4 2 13 14 15 16 17 18 19 20 21 22 23 24 3 13 <th></th>	
	D 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4	85833-XI5	D 3 3 3 3 3 3 3 3 3	3 3 3 3 3 3 3 3 3 3	
А	85833-X11LF B 1919191919191919191919191919191919191		85833-XI5LF		3 3 3 3 3 3 3 3 3 3	А
	METRAL P/N ROW 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22		METRAL P/N	MOD. I MOD. 2 ROW I 2 3 4 5 6 7 8 9 10 11 1	MOD. 3 MOD. 4 2 3 4 5 6 7 8 9 20 2 2 2 2 3 2 4	
	85833-X12 E 7	7 7 7 7	85833-XI6	E 17 17 17 17 17 17 17 17 17 17 17 17 17	7 7 7 7 7 7 7 7 7 7	
1		7 7 7 7	85833-XI6LF	B 17 17 17 17 17 17 17 17 17 17 17 17 17	7 7 7 7 7 7 7 7 7 7	
	600030-A12LF A 3 <t< th=""><th>3 3</th><th></th><th>A 17 17 17 17 17 17 17 17 17 17 17 17 17 </th><th>7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7</th><th></th></t<>	3 3		A 17 17 17 17 17 17 17 17 17 17 17 17 17	7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7	
closed C1.						
any way or disclosed en consent of FCI.						
in any wo itten cons		mot'l code		nces unless rise specified CUSTOMER	FCj	
document may be used in to others without the writh Copyright FCI.		Itr ecn no. dr S	date linear	0.X ±0.3 COPY 0.XX ±0.13 projection	title WETDAL CLONAL	com
thout thout			angles	.XXX ±.051 0° ±2°	METRAL SIGNAL 4 MOD, 5 ROW PRESS-FIT	
ent m ers wi jht FC			dr T.BRU	INAGRD II/19/99 MM	product family METRAL code size dwg no 21	2
docum to oth Copyric			Chr M.STF	AWSER II/19/99 scale	∧ 85833 ^{she}	et
B		sheet revision	appd M.STF	XAWSER 02/29/00 : .		1 — В
U	2	index sheet	Pro/E	3	coge code 22526	4
)4-18 -				_	TUS: Released Printed: No	
				514		. 10, 200

REV E - 2006-04-18

		I	2							3			4
	MOD. I	MOD. 2	MOD. 3	MOD. 4				METF P/		MOD. 2	MOD. 3	MOD. 4	
RO			2 3 4 5 6 7 8					F /	ROW 1 2 3 4 5		12 13 14 15 16 17 18		
E			4 4 4 4 4 4 4		4			85833			10 10 10 10 10 10 10		
D				4 4 4 4 4 4					D 10101010		10 10 10 10 10 10 10		
- C			1 4 4 4 4 4 4	+ $+$ $+$ $+$ $+$ $+$ $+$			-		C 9 9 9 9 9		9 9 9 9 9 9 9	9999999	
B				4 4 4 4 4 4				5833-	B 9 9 9 9 9		99999999	9999999	
A			4 4 4 4 4 4 4 4				Ľ		A				
	MOD. I	MOD. 2	MOD. 3	MOD. 4				исто	MOD. I	MOD. 2	MOD. 3	MOD. 4	
RO			2 3 4 5 6 7 8	+				METF P/	AL II			192021222324	
E			3 18 18 18 18 18 18 18				_		E 2 2 2 2 2		2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2	
D			3 18 18 18 18 18 18 18					85833	- X22 D 4 4 4 4 4	+ + + + + +	4 4 4 4 4 4 4		
- C			3 18 18 18 18 18 18 18						C 2 2 2 2 2 2		2 2 2 2 2 2 2 2		
В			3 18 18 18 18 18 18						B 2 2 2 2 2 2		2 2 2 2 2 2 2 2	2 2 2 2 2 2 2	
			3 18 18 18 18 18 18				8	5833-			2 2 2 2 2 2 2 2	2 2 2 2 2 2 2	
^]								
	MOD. I	MOD. 2	MOD. 3	MOD. 4				METE	AL MOD. I	MOD. 2	MOD. 3	MOD. 4	
RO	W I 2 3 4 5 6	7 8 9 10 11 12	2 3 4 5 6 7 8	192021222324				Ρ/	N ROW I 2 3 4 5	6 7 8 9 10 11	12 13 14 15 16 17 18	192021222324	
E	151515151515	5 1 5 1 5 1 5 1 5 1 5 1 5	5 5 5 5 5 5 5 5	151515151515				85833	- X 2 3 E 19 19 19 19 19	9 1 9 1 9 1 9 1 9 1 9 1 9	19 19 19 19 19 19 19	19191919191919	
D	151515151515	5 1 5 1 5 1 5 1 5 1 5 1 5	5 5 5 5 5 5 5 5	151515151515				00000	D I I I I I	1 1 1 1 1 1	1 1 1 1 1 1		
- C	151515151515	15 15 15 15 15 15	5 5 5 5 5 5 5 5	151515151515			-		C 9 9 9 9 9	9 1 9 1 9 1 9 1 9 1 9 1 9	19 19 19 19 19 19 19	19191919191919	
В	151515151515	15 15 15 15 15 15	5 5 5 5 5 5 5 5	151515151515					B I I I I I	1 1 1 1 1 1	1 1 1 1 1 1		
A	151515151515	5 1 5 1 5 1 5 1 5 1 5 1 5	5 5 5 5 5 5 5 5	151515151515			8	5833-	X23LF A 1919191919	9 1 9 1 9 1 9 1 9 1 9 1 9	19 19 19 19 19 19 19	19191919191919	
]								
	MOD. I	MOD. 2	MOD. 3	MOD. 4				METF P/		MOD. 2	MOD. 3	MOD. 4	
RO			2 3 4 5 6 7 8		-			F /	ROW 1 2 3 4 5		12 13 14 15 16 17 18		
E			0 10 10 10 10 10 10					85833	- X Z 4		20 20 20 20 20 20 20		
D			999999						D 5 5 5 5 5	5 5 5 5 5 5	5 5 5 5 5 5 5	5 5 5 5 5 5	
- C			0 10 10 10 10 10 10				-				20 20 20 20 20 20 20		
B				9999999				5833-	B 5 5 5 5 5		5 5 5 5 5 5 5	5 5 5 5 5 5	
A							Ľ		A 20 20 20 20 20 20	020202020202020	20 20 20 20 20 20 20	20 20 20 20 20 20	
				mat '	I code				tolerances unless otherwise specified	CUSTOMER	FÇj		
				ltr	ecn no.	dr	date		0.X ±0.3	COPY		www.fciconr	nect.com
				S				linear	0.XX ±0.13	projection	title METH	RAL SIGNAL	
								angles	.XXX ±.051 0° ±2°	$\oplus \oplus$		ROW PRESS-F	ΙT
								pingies	V 1 C	1 T 1			

85833-XI9 85833-XI9LF METRAL P/N

85833-X20

85833-X20LF

METRAL P/N

85833-XI7

85833-XI7LF

METRAL P/N

85833-XI8

85833-XI8LF

METRAL P/N



А

This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

В

REV E - 2006-04-18

12

PDM: Rev:S

11/19/99

11/19/99

02/29/00

11/19/99 scale

T.BRUNAGRD

M.STRAWSER

M.STRAWSER

appd M.STRAWSER

dr

engr

chr

Pro/E

sheet

index

revision

sheet

-

MM

1:1

3 |

STATUS: Released

cage code

product family

size dwg no

А

Printed: Nov 13, 2007

213

sheet

5

4

В

METRAL code

85833

22526

А

							2										3					4
I	METRAL P/N	MOD.		+	OD. 2		MOD. 3		MOD.					METR P/N		CONTACT C MOD. I THI	RU 4 MOD.		MOD. 3	MOD		
	85833-X25	ROW I 2 3 4 E 22 22 22 22 22 D 22 22 22 22 22 22 C 22 22 22 22 22 22 22	22 22 22 22	2 22 22 2 2 22 22 2	22 22 22 22 22 22	22 22 22 22 22 22	22 22 22	22 22 22 22 22 22	2 22 22 2 2 22 22 2	2 22 22				85833-	x29 E D	56 56 56 56 56 56 56 56	56 56 56 56 56 5 56 56 56 56 56 5	6 56 5 6 56 5	2 3 4 5 6 7 6 56 56 56 56 56 56 6 56 56 56 56 56 56 6 56 56 56 56 56 56	i6 56 56 56 i6 56 56 56	56 56 56 56 56 56	
	85833-X25LF	B 22 </td <td>22 22</td> <td>2 2 2 2 2 2</td> <td>22 22 22</td> <td>22222</td> <td>22 22 22</td> <td>22 22 22</td> <td>2 22 22 2</td> <td>2 22 22</td> <td></td> <td></td> <td></td> <td>85833-</td> <td>В</td> <td>56 56 56 56</td> <td>56 56 56 56 56 5</td> <td>6 56 5</td> <td>6 56 56 56 56 56 56 56 56 56 56 56 56 56</td> <td>6 56 56 56</td> <td>56 56 56</td> <td></td>	22 22	2 2 2 2 2 2	22 22 22	22222	22 22 22	22 22 22	2 22 22 2	2 22 22				85833-	В	56 56 56 56	56 56 56 56 56 5	6 56 5	6 56 56 56 56 56 56 56 56 56 56 56 56 56	6 56 56 56	56 56 56	
	METRAL P/N	MOD. ROW 1 2 3 4	56	78			MOD. 3	17 18 19		2 2 3 2 4				METR P/N	ROW	CONTACT C MOD. I THE I 2 3 4	RU 4 MOD. 5 6 7 8 9 1	0	MOD. 3			
	85833-X26	E 54 54 54 54 D 55 55 55 55 C 56 56 56 56	55 55	5 5 5 5 5	55 55 55	5 5 5 5 5 5 5	55 55 55	55 55 55	5 55 55 5	5 55 55				85833-	D	3 3 3 3 3 3 3 3 19 19 19 19	3 3 3 3 3 3 3 3 3 3 3 3 3 19 19 19 19 19 19 1	3 3 3	3 3 3 3 3 3 3 3 3 3 9 19 19 19 19	3 3 3 3	3 3 3	
	85833-X26LF	B 55 55 55 55 A 54 54 54 54											8	35833-X	30LF A	3 3 3 3 3 3 3 3	3 3 3 3 3 3 3 3 3 3 3				3 3 3 3 3 3	
	METRAL P/N	MOD. ROW 1 2 3 4 E 48 48 48 48	56	78			MOD. 3	17 18 19		2 2 3 2 4			_	METR. P/N	ROW	CONTACT C MOD. I THE I 2 3 4			MOD. 3 2 13 14 15 16 17	MOD 8 9 20 2		
	85833-X27	D 48 48 48 48 C 48 48 48 48	48 48 48 48	3 48 48 3 48 48	48 48 48 48 48 48	3 48 48 3 48 48	48 48 48 48 48 48	48 48 48 48 48 48	8 48 48 4 8 48 48 4	8 48 48 8 48 48			-	85833-	D		19 19 19 19 19 1			9 1 9 1 9 1 9		
А	85833-X27LF	B 48 48 48 48 48 A 48 48 48 48 48	48 48	3 48 48	48 48 48		48 48 48	48 48 48	8 48 48 4	8 48 48			{	35833-X	3ILF A	1 1 1 1	3 3 3 3 3 3 1 1 1 1 1 1				3 3 3	А
	METRAL P/N 85833-X28	MOD. ROW I 2 3 4 E 3 3 3 3	56	78	OD. 2 9 10 11 3 3 3		MOD. 3		+ + +				_	METR. P/N 85833-	ROW	CONTACT C MOD. I THE I 2 3 4 I I I I I	RU 4 MOD.		MOD. 3 2 13 14 15 16 17 1 1 1 1 1	MOD 8 9 20 2 		
R"		D 19191919 C 3 3 3 3 B 3 3 3 3	3 3	3 3	3 3 3		3 3 3	191919 3333 3333	3 3 3	9 1 9 1 9 3 3 3 3 3 3					D	1 1 1 1 2 2 2 2 1 1 1 1	1 1 1 1 1 2 2 2 2 2 2 1 1 1 1 1	1 1 1 2 2 2 1 1 1	1 1 1 1 1 2 2 2 2 2 2		1 1 1 2 2 2 1 1 1	
	85833-X28LF	A	1 1	1 1		1 1							8	35833-X		2 2 2 2	2 2 2 2 2 2	2 2 2	2 2 2 2 2 2 2	2 2 2 2 2	2 2 2	
This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No port of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.																						
of and err ARY inforr wn on this way or dis onsent of																						
operty OPRIET ion sho in any ritten c										mat 'I	code				tolerances otherwise s		CUSTOME	R	FÇj			
is the pr L and PRR e informat be used out the w										Itr S	ecn no.	dr	date	linear	0.X)	±0.3 ±0.13 ±.051	COPY projection	1	title ME	FRAL SIG	www.fciconne GNAL 'RESS-FI	
document FIDENTIAL Dart of the ment may thers with rright FCL.														angles dr engr	T.BRUNAGRI M.STRAWSER	11/19/99		- H	product family size dwg no	ME	TRAL	e 2 3
										she				chr appd	M.STRAWSER		:		<u>A 8:</u>	5833		sheet 6 B
В							2			ind	lex shee	et	Pro/E				3		cage code	225	26	4
REV E - 2006-04-18															Ρ	DM: Re		STAT	rus: Relea			Nov 13, 2007

2			3		
MOD. 2 MOD. 3 MOD. 4	METRAL	MOD. I	MOD. 2	MOD. 3	MOD. 4
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	P / N	ROW I 2 3 4 5 6			192021222324
6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	85833-X37			9 59 59 59 59 59 59 59	
6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6				9 59 59 59 59 59 59 59 9 59 59 59 59 59 59 59	
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			+ + + + + +	9 59 59 59 59 59 59 59 59	
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	85833-X37LF		+ + + + + +	1 61 61 61 61 61 61 61	
MOD. 2 MOD. 3 MOD. 4	METRAL P/N	MOD. I	MOD. 2	MOD. 3	MOD. 4
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 9 19 19 19 19 19 19 19 19 19 19 19 19 19		ROW I 2 3 4 5 6 E 60		2 3 4 5 6 7 8	192021222324
<u>8 18 18 18 18 18 18 18 18 18 18 18 18 18</u>	85833-X38			161616161616161	
9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1				0 60 60 60 60 60 60	
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		B 60 60 60 60 60 60	0 60 60 60 60 60 6	0 60 60 60 60 60 60	60 60 60 60 60
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	85833-X38LF	A 61 61 61 61 61 61	61616161616	1 61 61 61 61 61 61	6 6 6 6 6 6
MOD. 2 MOD. 3 MOD. 4	METRAL	MOD. I	MOD. 2	MOD. 3	MOD. 4
6 7 8 9 10 11 2 3 4 5 6 7 8 9 20 21 22 23 24	P/N	ROW 2 3 4 5 6		2 3 4 5 6 7 8	192021222324
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	85833-X39	E 61 61 61 61 61 61	61616161616	1 61 61 61 61 61 61	6161616161
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00000 100	D 61 61 61 61 61 61	61616161616	1 61 61 61 61 61 61	6 6 6 6 6 6
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4				1 61 61 61 61 61 61	
	85833-X39LF			1 61 61 61 61 61 61	
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		A 616161616161	61616161616	1 6 1 6 1 6 1 6 1 6 1 6 1	616161616161
MOD. 2 MOD. 3 MOD. 4	METRAL	MOD. I	MOD. 2	MOD. 3	MOD. 4
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	P/N	ROW I 2 3 4 5 6	7 8 9 10 11 1	2 3 4 5 6 7 8	192021222324
59 59 59 59 59 59 59 59 59 59 59 59 59 5	85833-X40			0 60 60 60 60 60 60	
59 59 59 59 59 59 59 59 59 59 59 59 59 5			+ + + + + +	0 60 60 60 60 60 60	
59 59 59 59 59 59 59 59 59 59 59 59 59 5				2 62 62 62 62 62 62 62	
59 59 59 59 59 59 59 59 59 59 59 59 59 5	85833-X40LF			0 60 60 60 60 60 60 60	
mat'l code					

METRAL			١	NOD		I			Ņ	10 D	. â	2			M	IOD		3			I	IOD		4	
P/N	ROW	T	2	3	4	5	6	7	8	9	10	П	12	3	4	15	16	17	18	19	20	21	22	23	24
85833-X33	Ε	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
85833-X33LF	В	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
00000-8001	A	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
METRAL			Ņ	IOD	.				M	IOD	. 2	2			Μ	IOD	. :	3			Ņ	IOD		4	
P/N	ROW		2	3	4	5	6	7	8	9	10		12	3	4	15	16	17	18	19	20	21	22	23	24
85833-X34	E	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
00000 104	D	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	С	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	В	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
85833-X34LF	A	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
METRAL			1	10D	.				M	10D	. í	2			N	IOD		3			1	IOD		4	
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	11	12	13	4	15	16	17	18	19	20	21	22	23	24
85833-X35	E	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
																			-	_					_
	D	4	4	4	4	4	4	4	4	4	4	4	4	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	4	4	4	4	4	4	4	4	4 4	4	4	4
	<u> </u>																						· ·		-
85833-X35LF	C	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	C B	4	4 4 2	4 4 2	4	4	4	4	4 4 2	4	4	4 4 2	4	4	4	4	4	4 4 2	4	4	4	4	4	4 4 2	4
85833-X35LF	C B	4	4 4 2	4 4 2	4 4 2	4	4	4	4 4 2	4	4 4 2	4 4 2	4 4 2	4 4 2	4 4 2	4 4 2 10D	4 2	4 4 2 3	4 4 2	4 4 2	4 4 2	4 4 2 10D	4 4 2	4 4 2	4 4 2
85833-X35LF METRAL P/N	C B A	4 4 2 1	4 4 2 1	4 4 2 40D 3	4 4 2	4 4 2 5	4 4 2 6	4 4 2 7	4 4 2 8	4 4 2 10D 9	4 4 2	4 4 2	4 4 2	4 4 2	4 4 2 M	4 4 2 10D	4 4 2	4 4 2 3	4 4 2	4 4 2 19	4 4 2	4 4 2 10D 21	4 4 2 22	4 4 2 4	4 4 2 2 2 4
85833-X35LF 	C B A ROW	4 4 2 1 59	4 4 2 1 2 59	4 4 2 10D 3 59	4 2 4 59	4 4 2 5 59	4 4 2 6 59	4 4 2 7 59	4 4 2 8 59	4 4 2 10D 9 59	4 4 2 10 59	4 4 2 11 59	4 4 2 12 59	4 4 2 13 59	4 4 2 M	4 2 10D 15 59	4 4 2 16 59	4 4 2 17 59	4 4 2 18 59	4 4 2 19 59	4 4 2 1 20 59	4 4 2 10D 21 59	4 4 2 22 59	4 4 2 4	4 4 2 24 59
85833-X35LF METRAL P/N	C B A ROW E	4 4 2 1 59 59	4 4 2 1 2 59 59	4 4 2 40D 3 59 59	4 2 4 59 59	4 4 2 5 59 59	4 4 2 6 59 59	4 4 2 7 59 59	4 4 2 8 59 59	4 4 2 10D 9 59 59	4 4 2 10 59 59	4 4 2 11 59 59	4 4 2 12 59 59	4 4 2 13 59 59	4 2 N 14 59 59	4 4 2 10D 15 59 59	4 4 2 16 59 59	4 4 2 17 59 59	4 4 2 18 59 59	4 4 2 19 59	4 4 2 20 59 59	4 4 2 10D 21 59 59	4 4 2 22 59 59	4 4 2 4 23 59	4 4 2 2 4 5 9 5 9
85833-X35LF METRAL P/N	C B A ROW E D	4 4 2 1 59 59 59	4 4 2 59 59 59	4 4 2 40D 3 59 59 59	4 4 2 4 59 59 59	4 4 2 5 59 59 59	4 4 2 59 59	4 4 2 7 59 59 59	4 4 2 8 59 59 59	4 4 2 10D 9 59 59	4 4 2 10 59 59 59	4 4 2 11 59 59 59	4 4 2 12 59 59 59	4 4 2 13 59 59 59	4 4 2 14 59 59 59	4 4 2 10D 15 59 59	4 4 2 16 59 59	4 4 2 17 59 59 59	4 4 2 18 59 59 59	4 4 2 19 59 59	4 4 2 20 59 59 59	4 4 2 10D 21 59 59	4 4 2 22 59 59 59	4 4 2 4 23 59 59	4 4 2 24 59 59

12

mat'l code FÇj tolerances unless CUSTOMER - otherwise specified ltr ecn no. dr date 0.X ±0.3 COPY www.fciconnect.com S projection ™ METRAL SIGNAL 4 MOD, 5 ROW PRESS-FIT title linear 0.XX ±0.13 XXX ±.051 \odot \bigcirc $0^{\circ} \pm 2^{\circ}$ angles MM METRAL code T.BRUNAGRD dr 11/19/99 product family 213 M.STRAWSER engr 11/19/99 size dwg no M.STRAWSER 11/19/99 scale 85833 sheet chr А 1:1 appd M.STRAWSER 7 02/29/00 sheet revision В sheet index cage code 3 | 22526 4 Pro/E PDM: Rev:S STATUS: Released Printed: Nov 13, 2007



ļ

This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

4

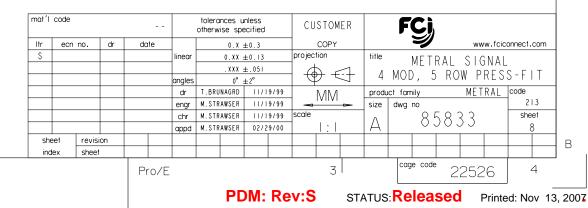
А

REV E - 2006-04-18

3 METRAL P/N MOD. I <thi< th=""> I <thi< th=""> <thi< th=""></thi<></thi<></thi<>																								
P7N	ROW	1	2	3	4	5	6	7	8	9	10	П	12	13	4	15	16	17	18	19	20	21	22	23
85833-X45	E	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63
	D	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63
	С	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63
85833-X45LF	В	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63
0J0JJ-X4JLF	A	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63
METRAL			N	IOD		I			Ņ	IOD	. 1	2			Ņ	IOD		3			I	MOD	١.	4
85833-X46 E 40 <														18	19	20	21	22	23					
85833-X46	Ε	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	D	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	С	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	В	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
85833-X46 D 40 <													40	40	40	40	40	40						
METRAL			N	IOD		1			N	IOD	. í	2			N	10D		3			1	MOD	·.	4
METRAL P/N ROW I 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 2 85833-X46 E 40 <td< td=""><td>22</td><td>23</td></td<>														22	23									
				10	40	10	40	10	40	40	40	40	40	40	40	40	10	40	40	40	40	40	40	40
85833-847	E	40	40	40	1	40	1 - 0	40								70	40					1	l	
85833-X47	E D	40 40								40	40	40	40						40	40	40			40
85833-X47	-	40		40	40	40		40	40			-		40		40	40	40			-	40	40	
	D	40	40 40	40	40 40	40 40	40 40	40	40 40		40	40	40	40 40	40 40	40	40 40	40 40	40	40	40	40	40 40	40
85833-X47 	D	40 40	40 40	40 40	40 40	40 40	40 40 40	40 40	40 40	40 40	40	40 40	40 40	40 40	40 40	40 40	40 40 40	40 40	40	40	40	40 40	40 40 40	40 40
85833-X47LF	D C B	40 40 40	40 40 40 41	40 40 40	40 40 40 41	40 40 40 41	40 40 40	40 40 40	40 40 40 41	40 40	40 40 41	40 40 41	40 40	40 40 40	40 40 40 41	40 40 40 41	40 40 40	40 40 41	40 40	40 40	40 40 41	40 40 40	40 40 41	40 40 41
	D C B	40 40 40	40 40 40 41	40 40 40 41	40 40 40 41	40 40 40 41	40 40 40	40 40 40	40 40 40 41	40 40 41	40 40 41	40 40 41	40 40 41	40 40 41	40 40 40 41	40 40 41	40 40 41	40 40 40 41	40 40 41	40 40 41	40 40 41	40 40 40 41	40 40 41	40 40 41
85833-X47LF METRAL P/N	D C B A	40 40 41	40 40 41	40 40 41 40 3	40 40 41	40 40 41	40 40 41	40 40 41 7	40 40 41	40 40 41 40 9	40 40 41	40 40 41	40 40 41	40 40 41	40 40 41	40 40 41 10D	40 40 41	40 40 41 3	40 40 41	40 40 41	40 40 41	40 40 41 MOD	40 40 41	40 40 41 4
85833-X47LF 	D C B A	40 40 41	40 40 41 2 25	40 40 41 40 3	40 40 41 4 25	40 40 41	40 40 41	40 40 41 7 25	40 40 41 8 25	40 40 41 40 9	40 40 41 10 25	40 40 41 2 11 25	40 40 41	40 40 41	40 40 41 14 25	40 40 41 100 15 25	40 40 41 16 25	40 40 40 41 3 17 25	40 41 18 25	40 40 41	40 40 41 20 25	40 40 41 MOD	40 40 40 41 22 25	40 40 41 23 25
85833-X47LF METRAL P/N	D C B A ROW	40 40 41 1 25 41	40 40 41 2 25 41	40 40 40 41 100 3 25 41	40 40 41 4 25 41	40 40 41 5 25 41	40 40 41 6 25 41	40 40 41 7 25 41	40 40 41 8 25 41	40 40 41 40 9 25 41	40 40 41 . 7 10 25 41	40 40 41 2 2 11 25 41	40 40 41 12 25 41	40 40 41 13 25 41	40 40 41 14 25	40 40 40 41 10D 15 25 41	40 40 41 16 25 41	40 40 41 3 17 25 41	40 40 41 18 25 41	40 40 41 19 25 41	40 40 41 20 25 41	40 40 41 21 25 41	40 40 40 41 22 25 41	40 40 41 23 25 41
85833 - X47LF METRAL P/N 85833 - X48	D C B A ROW E D	40 40 41 1 25 41 25	40 40 41 2 25 41 25	40 40 41 40 41 3 25 41 25	40 40 41 4 25 41 25	40 40 41 5 25 41 25	40 40 41 6 25 41 25	40 40 41 7 25 41 25	40 40 41 8 25 41 25	40 40 41 100 9 25 41 25	40 40 41 . 2 10 25 41 25	40 40 41 25 41 25	40 40 41 25 41 25	40 40 41 13 25 41 25	40 40 41 14 25 41	40 40 41 15 25 41 25	40 40 41 16 25 41 25	40 40 40 41 3 17 25 41 25	40 40 41 18 25 41 25	40 40 41 19 25 41 25	40 40 41 20 25 41 25	40 40 41 21 25 41 25	40 40 41 22 25 41 25	40 40 41 23 25 41 25

METRAL			. 1	MOD						IOD	. i	2			1	NOD	. 3	3	_		1	MOD		4	_
P / N	ROW	1	2	3	4	5	6	7	8	9	10	П	12	3	4	15	16	17	18	19	20	21	22	23	24
85833-X4I	E	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	6 I	61	61	61	61	61	61	61
	D	61	61	61	61	61	6 I	61	61	6 I	61	6 I	61	61	61	61	61	6 I	61	61	61	61	61	61	61
	С	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
85833-X41LF	В	-	-		-	-		-	-		-	-		-	-					-	-		63	-	
	A	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63
METRAL			ł	MOD		I			M	IOD	. í	2			1	NOD	. :	3			1	MOD		4	
P/N	ROW	Т	2	3	4	5	6	7	8	9	10	Н	12	13	4	15	16	17	18	19	20	21	22	23	24
85833-X42	Ε	61	61	61	61	61	61	61	61	61	61	61	61	6 I	61	61	61	6 I	61	6 I	61	61	61	61	61
	D	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	6 I	61	61	61	61	61
	С	61	6 I	61	61	6 I	61	61	6 I	61	61	6 I	61	61	6 I	61	61	6 I	61	61	6 I	6 I	61	61	61
05000 V 401 5	В	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63
85833-X42LF	A	61	61	61	61	6 I	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
METRAL			I	NOD					Ņ	IOD	. í	2			1	NOD		3			I	MOD		4	
P/N	ROW	T	2	3	4	5	6	7	8	9	10	П	12	13	4	15	16	17	18	19	20	21	22	23	24
85833-X43	E	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	D	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	6 C
	С	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
05022 84215	В	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
85833-X43LF	A	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
METRAL			1	MOD					M	IOD	. í	2			1	MOD	. 3	3			1	MOD		4	
P/N	ROW	I	2	3	4	5	6	7	8	9	10	П	12	13	4	15	16	17	18	19	20	21	22	23	24
85833-X44	E	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
	D	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
	С	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
	В	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
85833-X44LF	A	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62

12



S

This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

4

А

												3															
	METRA	u.			1	MOD	ı.				Ņ	NOD	. ;	2			М	IOD		3			Þ	IOD		4	
	P/N		ROW	1	2	3	4	5	6	7	8	9	10	11	12	3	4	15	16	7	18	19	20	21	22	23	24
	85833-	X 5 3	Ε	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42
	00000		D	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42
			С	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42
	85833-X	5 31 E	В	-			-	-			-	-	-	-		-	42	-	_		_						
l	00000-1	JJLI	A	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42
[METRA	NI.			I	MOD	·.	I			Ņ	NOD		2			М	IOD		3			Ņ	IOD	. 4	4	
	P/N		ROW	h	2	3	4	5	6	7	8	9	10	11	12	13	4	15	16	17	18	19	20	21	22	23	24
	85833-	X 5.4	Ε	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43
	00000	~ J J J	D	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43
			С	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43
	95933 V	5 /1 -	В	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43
l	85833-X	J4L1	A	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43
ſ	METRA P/N				1	MOD		1			Ņ	NOD	. ;	2			м	IOD		3			M	IOD	. 4	4	
	P/N		ROW	Ľ	2	3	4	5	6	7	8	9	10	П	12	13	4	15	16	17	18	19	20	21	22	23	24
	85833-	X 5 5	E		11		11				11					11			П		П			П			
			D	11	-	11		11		11	_		-	-		11		-	11		П		11		11	11	
			С	-	12		12	-					12			12		-	12		12		12			12	
	85833-X	55LF	B	-	21		21	-			21		21	-		21		-	21	21	21	21 21		21 21		21	
l			M	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21		21	
	METRA				1	MOD		I			Ν	MOD	. i	2			М	IOD		3			Ν	IOD	. 4	4	
	P/N		ROW	Г	2	3	4	5	6	7	8	9	10	П	12	13	4	15	16	17	18	19	20	21	22	23	24
	85833-	X 56	Ε	11	11	11	11	11	11	Π	11	П	П	11	11	П	11	Ξ	Π	П	П	11	Ξ	Ξ	11	Ξ	11
			D	11	11	11	11	11	11	П	11	П	11	11	11	11	П	П	П	П	П	П	11	П	11	11	11
			С	11	11	П	11	11	П	П	11	П	-	П		11		П	П	П	П	11	ш			П	11
	85833-X	561 F	В	-	21	21	21	-	21			21	-	21		21		-	21		21						
l	00000 //	0021	A	11		11	11		11		11		11	11		11	11	11		11	П	11	11	П	11	11	
		tolera							(203	S T I	ОМ	ER					F	7		i.						
date		otherw		(±				_			COF							•	114	Ĭ	1			м	ww	v.fr	ciconn
	linear		0.XX					F	oroj	ect					ti	tle			М	F T	R	AL		S I			
			. X X X			I			_	(\$)	-{	1	_		4	М	0	D,								ss-
	angles dr	T.BRU		$\frac{1}{2}$		/ 9	/99	+		<u>+</u> 1											~	11		ME			
	1 10 1			· I				- 1			1/11	Λ/L			гР	i uu	101	i Ul	тшу					머니트	. ד ד	ını	- 15

METRAL			١	NOD					١	NOD	. i	2			1	IOD		3			Ņ	NOD		4	
P/N	ROW	I	2	3	4	5	6	7	8	9	10	П	12	3	4	15	16	17	18	19	20	21	22	23	24
85833-X49	E	4	41	41	4	41	41	41	41	4	41	41	41	41	41	41	41	4	41	4	4	41	4	41	41
	D	41	41	41	41	41	41	41	41	4	41	41	41	41	41	41	41	4	41	4	4	41	41	41	41
	C	4	41	41	41	41	41	41	41	4	41	41	41	41	4	41	41	4	41	4	4	41	4	41	41
5833-X49LF	В	4	41	41	4	41	41	4	41	4	4	41	41	4	4	4	41	4	41	4	4	41	4	41	41
5055-749LF	A	4	41	41	4	41	41	4	41	41	4	41	41	4	4	41	41	4	41	4	4	41	4	41	41
METRAL		MOD. I				MOD. 2				MOD. 3				MOD. 4											
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	11	12	13	4	15	16	17	18	19	20	21	22	23	24
85833-X50	E	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
05055 850	D	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
	С	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
	В	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42
35833-X50LF	A	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
METRAL			1	NOD					1	NOD	. í	2			1	10D		3			Ņ	NOD		4	
P/N	ROW	1	2	3	4	5	6	7	8	9	10	П	12	13	4	5	16	17	18	19	20	21	22	23	24
85833-X5I	E	41	41	41	41	41	41	41	41	4	4	41	41	4	41	4	4	41	41	4	41	41	4	41	41
	D	41	41	41	41	41	41	4	41	41	4	41	41	4	41	4	4	41	41	41	41	41	41	41	41
	С	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42
	В	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43
35833-X5ILF	A	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43
METRAL			•	10D	.				•	IOD	. í	2			1	IOD		3			N	MOD		4	
P/N	ROW	1	2	3	4	5	6	7	8	9	10		12	13	4	15	16	17	18	19	20	21	22	23	24
05000 850	E	41	-	41	41	41	41			41			41				41			41	41		41		41
85833-X52	D	41		41			41			41		41		41		41		41		41	41		41	41	41
00000	-	41	11	41	41		41		41	41			41	41	41	41	41	41	41	41		-	41	41	41
	С	41										1	<u> </u>							_		I			
	C B	41		_	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43

12



METRAL P/N
85833-X52
85833-X52LF

А

mat'l code						tolerances unless otherwise specified					CUSTOMER				F	Çj					
ltr	ecn	n no.	dr	do	ote		0.X ±0.3			COPY					Y		ww	ww.fcic	onnect.com		
S						linear	0.XX ±0.13			projection			title		METI	ETRAL SIGNAL					
						.XXX ±.051] d) r	1	1		MOD, 5 ROW PRESS							
						angles	0° ±2°			W V			4	MOL				KE S	2-11		
						dr	T.BRUNAGRD II/19/99				product family				ME T	RAL	code				
						engr	M.STRAWSER II/19/99				size	dwg	dwg no				213				
						chr	M.STR	AWSER	- 1171	9/99	scale				85833				sheet		
						appd	M.STR	AWSER	02/2	9/00		1:1		A		\cup				9	
she	eet	revisi	ion																		_ E
ind	lex	sheet																			
				Pi	ro/E							3			cag	e code	2	252	26	4	
								PC)M:	Re	v:S		ST	ATUS	Re	lea	sec		Printe	ed: Nov 1	13 20



REV E - 2006-04-18

В

А

4

METRAL		MOD. I	MOD. 2	MOD. 3	MOD. 4			N	1E TRAL		MOD. I	MOD. 2	MO	D. 3	MOD. 4	
P/N	ROW	1 2 3 4 5 6		2 3 4 5 6 7 8		24			P/N	ROWI	2 3 4 5	6 7 8 9 10 1	1 1 2 1 3 1 4 1 5	5 6 7 8 9 2	2021222324	
85833-X57	E	77777	77777	7 7 7 7 7 7	77777	7		85	833-X6			6464646464		+ + + + +		
	D	7 7 7 7 7 7				7						64 64 64 64 64 64 6		+ + + + +		
			8 8 8 8 8 8 8 0 20 20 20 20 20 20			8						6464646464646 646464646464	+ + + +			
35833-X57LF			0 20 20 20 20 20 20 20 20 20					858	33-X6II			64 64 64 64 64 64 6				
			1													
METRAL P/N		MOD. I	MOD. 2	MOD. 3	MOD. 4											
	ROW	1 2 3 4 5 6		2 3 4 5 6 7 8	1920212223	24										
85833-X58	D	7 7 7 7 7 7	7 7 7 7 7 7	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 7 7 7 7	7 7 7 7 7	7										
	В	20 20 20 20 20 20	0 20 20 20 20 20 20	0 20 20 20 20 20 20	20 20 20 20 20	20										
35833-X58LF	A	<u>, </u>	7 7 7 7 7 7	7 7 7 7 7 7	7 7 7 7	7										
METRAL		MOD. I	MOD. 2	MOD. 3	MOD. 4											
P/N	ROW	1 2 3 4 5 6	7 8 9 10 11 12	2 3 4 5 6 7 8	1920212223	24										
85833-X59	E	3 3 3 3 3 3		+ + + + + +												
	D	3 3 3 3 3 3 3 4 4 4 4 4 4	+ + + + + +	+ + + + + +												
	В		9 1 9 1 9 1 9 1 9 1 9 1 9 1 9			_										
35833-X59LF			9 1 9 1 9 1 9 1 9 1 9 1 9			_										
NETDAL		MOD. I	MOD. 2	MOD. 3	MOD. 4											
METRAL P/N	ROW	1 2 3 4 5 6		2 3 4 5 6 7 8		24										
85833-X60	E					1										
00000	D				1 1 1 1 1	1										
	- C	191919191919	9 19 19 19 19 19 19 19													
	B															
35833-X60LF		<u>· · · · · · · · · · </u>	<u> ' ' ' ' ' ' ' '</u>			<u> </u>										
35833-X60LF																
35833-X60LF																
35833-X60LF																
35833-X60LF																
5833-X60LF																
5833-X60LF					m	at'l code				tolerances u		CUSTOME	R	FC ì		
5833-X60LF							no. dr			otherwise sp	ecified	CUSTOME	R	FÇj	www.fci	connect.com
35833-X60LF						at'l code tr ecn t S	no.dr	 date		otherwise sp 0.X		CUSTOME COPY projection	R title	FC		connect.com
35833-X60LF						tr ecn r	no. dr		linear	0.X 0.X 0.XX .XXX	±0.3 ±0.13 ±.051	COPY	title	-	L SIGNA	L
35833-X60LF						tr ecn r	no. dr		linear angles dr	0. X 0. X 0. XX 0. XX 0° T. BRUNAGRD	ecified ±0.3 ±0.13 ±.051 ±2° 11/19/99	COPY projection	title + 4 N product	METRA MOD, 5 R	L SIGNA	L SS-FIT code
35833-X60LF						tr ecn r	no. dr		linear angles dr engr	0.X 0.XX 0.XX 0° T.BRUNAGRD M.STRAWSER	ecified ±0.3 ±0.13 ±.051 ±2° 11/19/99 11/19/99	COPY	title	METRA MOD, 5 R family dwg no	L SIGNA ROW PRES METRAL	L SS-FIT
35833-X60LF						tr ecn r			linear angles dr engr chr	0. X 0. X 0. XX 0. XX 0° T. BRUNAGRD	ecified ±0.3 ±0.13 ±.051 ±2° 11/19/99	COPY projection	title + 4 N product	METRA MOD, 5 R	L SIGNA ROW PRES METRAL	L SS - F T
35833-X60LF						tr ecn r	no. dr		linear angles dr engr chr	0.X 0.XX 0.XX 0° T.BRUNAGRD M.STRAWSER M.STRAWSER	ecified ±0.3 ±0.13 ±.051 ±2° 11/19/99 11/19/99 11/19/99	COPY projection 	title	METRA MOD, 5 R family dwg no	L SIGNA ROW PRES METRAL	L SS - F T code 213 sheet
5833-X60LF			1	2		tr ecn r	revision		linear angles dr engr chr	0.X 0.XX 0.XX 0° T.BRUNAGRD M.STRAWSER M.STRAWSER	ecified ±0.3 ±0.13 ±.051 ±2° 11/19/99 11/19/99 11/19/99	COPY projection 	title	METRA MOD, 5 For family dwg no 858	L SIGNA ROW PRES METRAL	L SS - F T code 213 sheet

1|2

This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

4

3 |

REV E - 2006-04-18

А

S

This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No port of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

В

REV E - 2006-04-18

2					3			4	
PRODUCT NUMBER									I
85833-XYY									
85833-XYYLF									
NOTES:									
I. FOR DIM A AND B SEE SHEET 2 AND UP.									
2. BODY MATERIAL: LIQUID CRYSTAL									
POLYMER 30 % GLASS.									
FLAME RETARDANT ACC. UL 94-VO.									
 PIN MATERIAL: PHOSPHOR BRONZE. PLATING ON PRESS-FIT TAIL: 85833-XYY IS SnPb 85833-XYYLF IS SN (LEAD FREE) PLATING ON CONTACT AREA CONFORMS TO PERFORMANC LEVEL SHOWN IN TABLE BELOW. 	E								
5. PRODUCT MARKING: PART NUMBER DESIGNATION & BATCH I.D.									
6. ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES.				PLATING	IN CONTA	CT AREA	NOTES		
IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER.				DASH NUMBER	PERFORMAN	CE LEVEL	-		
EXAMPLE: XXXXX-XXXP				-NIYY	TELCORDIA	CO (NXT)	-		А
7. PRODUCT SPECIFICATION GS-12-180 APPLICATION SPECIFICATION BUS-20-073				- N 5 Y Y	TELCORDIA	UE (NXT)	-		
				- I Y Y	TELCORI	DIA CO	-		
(8.) AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.				- 2 Y Y	TELECOM	CLASS	-		
(9.) THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF M	IEET THE			- 3 Y Y	IEC CL	ASS I	-		
EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REG AS DESCRIBED IN GS-22-008.	ULATIONS			- 5 Y Y	TELCORI		-		
ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CON	TAINING			- 9 Y Y	TELCORI TELCORDIA		-		
(DRAWING NO.)-NI OR (DRAWING NO.)-N5WILL TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-I	WITHSTAND EXPOSUR	ξE		-NIYYLF	IEC CL	ASS I	SEE NOTE		
VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING AND (DRAWINGS NO.)-N5WILL NOT WITHSTAND REFL	NO.)-NI	r		-N5YYLF	TELCORDIA TELCORI		SEE NOTE		
SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A M	IAXIMIM I40°C FOR			- I Y Y L F	IEC CL	ASS I	SEE NOTE		
NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPL	ICATION.			-2YYLF -5YYLF	TELECOM		SEE NOTE SEE NOTE		
ſ	mat'l code		tolerances	unless	CUSTOMER	FC		<u> </u>	
_	Itr ecn no. dr	date	otherwise s	.X ±0.3	COPY	ſ		nect.com	
	S	linear	. 0.	XX ±0.13 P	projection		TRAL SIGNAL		
-		angle	s	XX ±.051 0° ±2°	\oplus		5 ROW PRESS		
		dr engr	T.BRUNAGR M.STRAWSE	-	MM	product family size dwg no	METRAL °	2 3	
		chr appo	M.STRAWSE M.STRAWSE		cole :		35833 [sheet	
	sheet revision					, ,			В
1 2	index sheet	Pro/E			3	cage co	Dide 22520	4	
ι ι <i>ζ</i>		FIU/E	-		-		22526		
			Р	DM: Rev	STA	TUS:Rele	ased Printed	l: Nov 13, 2	2007