

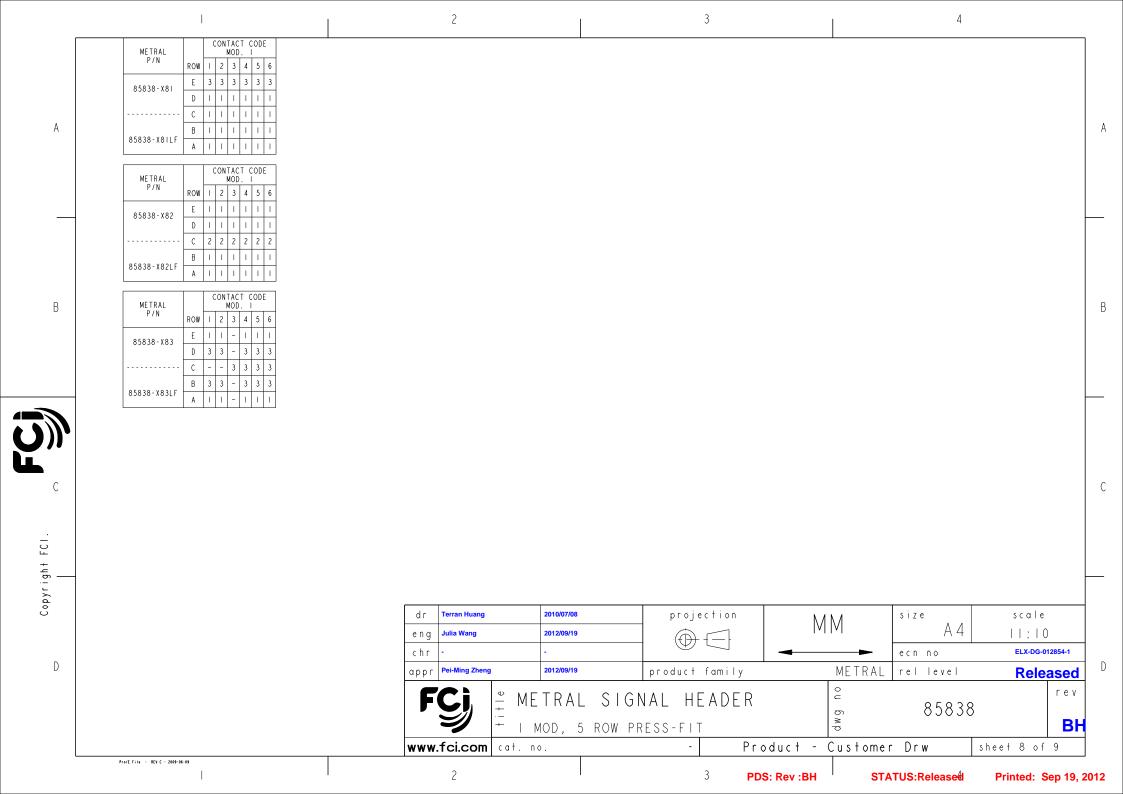
	I	2	3		4	
	METRAL P/N ROW 2 3 4 5 6	METRAL ROW CONTACT CODE MOD.	METRAL P/N ROW 1 2 3 4 5 6 85838-X09	METRAL P/N ROW I 2	NTACT CODE MOD. 1 2 3 4 5 6 3 3 3 3 3 3	
А	D 25 25 25 25 25 25 25 25 25 25 25 25 25	D 22 22 22 22 22 22 22 22 22 22 22 22 22	D 6 6 6 6 6 6 6 6 6 6 6 8 85838-X09LF A 6 6 6 6 6 6 6	D 3 3 3 C 3 3 3 B 2 2	3 3 3 3 3 3 3 3 3 3 2 2 2 2 2 2 2 2 2 2	А
ıs	METRAL CONTACT CODE MOD. P/N ROW 2 3 4 5 6	METRAL P/N ROW I 2 3 4 5 6	METRAL CONTACT CODE MOD. P/N ROW	METRAL P/N ROW I 2	NTACT CODE MOD. 1	
	85838-X02	85838-X06	85838-X10	85838-X14 D 16 I	6 16 16 16 16 16 16 16	
	85838-X02LF B 3 3 3 3 3 3 3 A A I I I I I I I I	85838-X06LF B	85838-XIOLF B 2 2 2 2 2 2 2 A 2 2 2 2 2 2 2 2 2 2 2	85838-X14LF A 16 1	6 16 16 16 16	
В	METRAL P/N ROW 2 3 4 5 6	METRAL ROW CONTACT CODE MOD.	METRAL CONTACT CODE MOD.	METRAL P/N ROW I 2	NTACT CODE MOD. 1 2 3 4 5 6 3 13 13 13 13 13	В
	D 3 3 3 3 3 3 C 3 3 3 3 3 3 3 3 3 3 3 3	D 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	85838-X11 D 4 4 4 4 4 4 4 4 4 C 4 4 4 4 4 4 4 4 4	85838-X15 D 13 1	3 13 13 13 13 13 13 13	
	85838-X03LF B 19 19 19 19 19 19 19	85838-X07LF	85838-XIILF B 19 19 19 19 19 19 19	85838-XI5LF A I3 I	3 13 13 13 13 13 13 13	
2	METRAL P/N ROW 2 3 4 5 6	METRAL P/N ROW I 2 3 4 5 6	METRAL CONTACT CODE MOD.	METRAL P/N ROW I 2	NTACT CODE MOD. 1 2 3 4 5 6 7 17 17 17 17 17	
C	85838-X04 D 10 10 10 10 10 10 10 10 10 10 10 10 10	85838-X08	85838-X12 D 7 7 7 7 7 7 7 7	C 17 I	7 17 17 17 17 17 17 17	С
	85838-X04LF A 10 10 10 10 10 10	85838-X08LF A 8 8 8 8 8 8	85838-X12LF A 3 3 3 3 3 3	0 F 0 3 0 V 1 C 1 F	7 7 7 17 17	
yright FC						
(ob)		d r Terran Huang 2010/07/0	projection	MM	ize scale	
		eng Julia Wang 2012/09/1		_	A 4	
D		appr Pei-Ming Zheng 2012/09/1	9 product family		el level Released	D
		FC) = METRA	L SIGNAL HEADER	o	85838 rev	
			5 ROW PRESS-FIT	* p	BH	
	Pro/E File · REV C · 2009-06-09	www.fci.com cat. no.	- Pro	duct - Customer	Drw sheet 3 of 9	
	I	2	3 PDS	: Rev :BH STATU	JS:Released Printed: Sep 19, 2	2012

	1	2	3		4
A	METRAL P/N ROW I 2 3 4 5 6 85838-X17 E 14 14 14 14 14 14 D 14 14 14 14 14 14 B 14 14 14 14 14 14 85838-X17LF A 14 14 14 14 14	METRAL P/N ROW I 2 3 4 5 6 85838-X21 D 10 10 10 10 10 10 C 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	METRAL P/N ROW I 2 3 4 5 6 8 85838-X25 E 22 22 22 22 22 22 22 22 22 22 22 22 2	P/N ROW I 2 85838-X29 E 56 56 D 56 56 C 56 56 B 56 56	ACT CODE HOD. I See See See See See See See See See S
_	METRAL P/N ROW I 2 3 4 5 6 85838-X18 E 18 18 18 18 18 18 18 18 18 18 18 18 18	METRAL P/N ROW I 2 3 4 5 6 85838-X22 E 2 2 2 2 2 2 D 4 4 4 4 4 4 4	METRAL P/N ROW I 2 3 4 5 6 85838-X26 E 54 54 54 54 54 54 54 54 54 55 55 55 55	METRAL P/N ROW I 2 85838-X30 D 3 3	ACT CODE ODD. 1 3 4 5 6 3 3 3 3 3 3 19 19 19 19 19
В	85838-X18LF	85838-X22LF B 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	85838-X26LF B 55 55 55 55 55 55 55 A 54 54 54 54 54 54 54 54 54 54 54 54 54	85838-X30LF B 3 3 A 3 3 METRAL CONT	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
	85838-X19	85838-X23LF	E 48 48 48 48 48 48 48 48 48 48 48 48 48	C 19 19	1 1 1 1 3 3 3 3 19 19 19 19 3 3 3 3 1 1 1 1
FCI.	METRAL P/N ROW 1 2 3 4 5 6 85838-X20 E 10 10 10 10 10 10 10 D 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 8 85838-X20LF A 11 11 11 11 11 11 11	METRAL P/N ROW I 2 3 4 5 6 85838-X24 E 20 20 20 20 20 20 20 20 20 20 20 20 20	METRAL P/N ROW 1 2 3 4 5 6 85838-X28 E 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	METRAL P/N ROW 2 2 85838-X32	ACT CODE (IDD.
Copyright		dr Terran Huang 2010/07/0	8 projection	NANA Si	z e scale
		e n g	9	MM ec	A 4 : 0
D		appr Pei-Ming Zheng 2012/09/1	product family		eve
			L SIGNAL HEADER 5 ROW PRESS-FIT	ои бмр	85838 BH
		www.fci.com cat. no.	- Pro	duct - Customer D	rw sheet 4 of 9
	Proit file - REV C - 2009-06-09	2	3 PDS	: Rev :BH STATUS	S:Released Printed: Sep 19, 2012

	I	2	3		4
	METRAL P/N ROW 1 2 3 4 5 6	METRAL CONTACT CODE MOD.	METRAL CONTACT CODE MOD. 1 2 3 4 5 6 6 6 6 6 6 6 6	P/N ROW I 2	TACT CODE (AOD. 1 3 4 5 6 60 60 60 60
A	85838-X33 D 6 6 6 6 6 6 C 6 6 6 6 6 6 B 5 5 5 5 5 5	B5838-X37 D 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	D 61 61 61 61 61 61 61 61 61 61 61 61 61	D 60 60 C 60 60 B 60 60	60 60 60 60 60 60 60 60 60 60 60 60
	85838-X33LF A 5 5 5 5 5 5 5	85838-X37LF A 19 19 19 19 19 19 19 19 METRAL CONTACT CODE MOD. 1	85838-X41LF A 61 61 61 61 61 61 METRAL CONTACT CODE MOD. 1	85838-X45LF A 60 60 METRAL CONT	60 60 60 60 FACT CODE MOD. 1
_	85838-X34	85838-X38	85838-X42 E 60 60 60 60 60 60 60 60 60 60 60 60 60	85838-X46 E 62 62 D 62 62	3 4 5 6 62 62 62 62 62 62 62 62 62 62 62 62
	85838-X34LF B 4 4 4 4 4 4 4 A A A A B B A A A A A A	85838-X38LF B 59 59 59 59 59 59 59 59 A 59 59 59 59 59 59 59 59 59	85838-X42LF B 62 62 62 62 62 62 62 62 A 60 60 60 60 60	85838-X46LF B 62 62 A 62 62	62 62 62 62 62 62 62 62
В	METRAL P/N ROW I 2 3 4 5 6 85838-X35 E 2 2 2 2 2 2 D 4 4 4 4 4 4 4 4	METRAL P/N ROW I 2 3 4 5 6 85838-X39 E 59 59 59 59 59 D 59 59 59 59 59	METRAL P/N ROW I 2 3 4 5 6 85838-X43 E 61 61 61 61 61 61 61	P/N ROW 2 85838-X47 E 63 63	FACT CODE (NO. 1)
	C 4 4 4 4 4 4 8 85838-X35LF A 2 2 2 2 2 2 2	C 59 59 59 59 59 59 59 885838-X39LF A 61 61 61 61 61	C 62 62 62 62 62 62 B 63 63 63 63 63 63 A 63 63 63 63 63 63		63 63 63 63 63 63 63 63 63 63 63 63
5 》	METRAL CONTACT CODE MOD.	METRAL ROW I 2 3 4 5 6	METRAL CONTACT CODE MOD.	METRAL P/N ROW I 2	
C	85838-X36 E 21 21 21 21 21 21 21 21 21 21 21 21 21	D 61 61 61 61 61 61 61 61 61 61 61 61 61	85838-X44 E 61 61 61 61 61 61 61 61 61 61 61 61 61	D 40 40	40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40
FCI.	85838-X36LF A 12 12 12 12 12 12	85838-X40LF A 61 61 61 61 61 61	85838-X44LF A 61 61 61 61 61 61		40 40 40 40
Copyright					
J		e n g		V V 	z e s c a l e
D		appr Pei-Ming Zheng 2012/09/1	product family		n no ELX-DG-012854-1 e v e Released
			L SIGNAL HEADER	0 0 0	85838 rev
			5 ROW PRESS-FIT	> ♡	BH
		www.fci.com cat. no.	- Pro	duct - Customer D	orw sheet 5 of 9
	Pro/E file · BEV C · 2009-06-09	2	3 PDS	: Rev :BH STATUS	S:Released Printed: Sep 19, 2012

	I	2	3		4
A	METRAL P/N ROW I 2 3 4 5 6 85838-X49 E 40 40 40 40 40 40 D 40 40 40 40 40 40 C 40 40 40 40 40 40 B 40 40 40 40 40 40	METRAL P/N ROW I 2 3 4 5 6 85838-X53 E 41 41 41 41 41 41 41 D 41 41 41 41 41 41 C 42 42 42 42 42 42 B 43 43 43 43 43 43	METRAL P/N ROW I 2 3 3 4 5 6 85838-X57 E	METRAL MOVE I 2	ACT CODE DD. 1 3 4 5 6 6 2 2 2 2 2 1 1 1 1 1 1 1 1 1 A
_	S5838-X49LF A 41 41 41 41 41 41 41	S5838-X53LF	METRAL P/N ROW	METRAL P/N ROW 2	
В		C 41 41 41 41 41 41 41 41 41 41 41 41 41	S5838-X58LF	85838-X62LF B 2 2 A I I I CONT/	ACT CODE
	85838-X51	85838-X555	85838-X59 E 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	85838-X63LF	4 4 4 4 4 4 4 4 3 3 3 3 3 3
<u>.</u>	METRAL P/N ROW I 2 3 4 5 6 85838-X52 E 25 25 25 25 25 C 25 25 25 25 25 25 B 42 42 42 42 42 42 A 25 25 25 25 25	METRAL P/N ROW I 2 3 4 5 6 85838-X56 E 43 43 43 43 43 43	METRAL P/N ROW I 2 3 4 5 6 85838-X60 E 7 7 7 7 7 7 7 D 7 7 7 7 7 7 7 C 7 7 7 7 7 7 7 B 20 20 20 20 20 20 20 20 20 20 20 20 20	METRAL P/N ROW I 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	ACT CODE DD. 1 3 4 5 6 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4
Copyright FCI.		d s Town Hunn		Loss	
		d r Terran Huang 2010/07/ e n g Julia Wang 2012/09/ c h r		M M ecr	s c a l e
D		appr Pei-Ming Zheng 2012/09/	product family	METRAL re	e v e
			AL SIGNAL HEADER 5 ROW PRESS-FIT	ои б м р	85838 BH
		www.fci.com cat. no.	- Proc	luct - Customer Di	rw sheet 6 of 9
	Pro/E file - REV C - 2009-01-00	2	3 PDS :	Rev :BH STATUS	Released Printed: Sep 19, 2012

I	2	3	4	
METRAL P/N ROW I 2 3 4 5 6 85838-X65 E 6 6 6 6 6 6 D 7 7 7 7 7 7 7 7	METRAL P/N ROW I 2 3 4 5 6 85838-X69 E I I I I I I I I E E E E E E E E E E	METRAL P/N ROW I 2 3 4 5 6 85838-X73 E 3 3 3 3 3 3 3 3 3	METRAL P/N ROW 2 2 3 4 5 6 85838-X77 E 1 1 1 1 1 1 1 1 1	
A 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		85838-X73LF	85838-X77LF	A
METRAL CONTACT CODE MOD.	METRAL P/N ROW 1 2 3 4 5 6	METRAL P/N ROW CONTACT CODE MOD.	METRAL P/N ROW CONTACT CODE MOD.	
85838-X66 D I I I I I I I I I I I I I I I I I I	85838-X70 D 19 19 19 19 19 19 19 19 19 19 19 19 19	85838-X74 D	85838-X78 D 2 2 2 2 2 2 2 2 2 2 85838-X78LF A 3 3 3 3 3 3 3 3	
B METRAL P/N ROW I 2 3 4 5 6 85838-X67 E 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	METRAL P/N ROW I 2 3 4 5 6 85838-X71 E 3 3 3 3 3 3 3 3 3 5 C 3 3 3 3 3 3 3 5 B 3 3 3 3 3 3 3 5 C 3 3 3 3 3 3 3 5 C 3 3 3 3	METRAL P/N ROW I 2 3 4 5 6 85838-X75 E 3 3 3 3 3 3 3 3 3 5 C 2 2 2 2 2 2 C B 2 2 2 2 2 2	METRAL P/N ROW 1 2 3 4 5 6 6 6 6 6 6 6 6 6	В
METRAL P/N ROW 2 3 4 5 6 85838-X68 E 60 60 60 60 60 60 60	METRAL CONTACT CODE MOD.	A 2 2 2 2 2 2 2 2 2	METRAL CONTACT CODE MOD.	С
Copyright F			1.	
	d r Terran Huang 2010/0 e n g Julia Wang 2012/0 c h r - -		MM A4	s c a e ; 0 ELX-DG-012854-1
D	appr Pei-Ming Zheng 2012/0	product family	METRAL rel level	Released
		AL SIGNAL HEADER 5 ROW PRESS-FIT	S 85838	rev BH
	www.fci.com cat. no.		uct - Customer Drw	sheet 7 of 9
Pro/E File - REV C - 2009-06-09	2	3 PDS :	Rev :BH STATUS:Release€	Printed: Sep 19, 2012



PRODUCT NUMBER 85838-XYY

85838-XYYLF

NOTES:

I. FOR DIM A AND B SEE SHEET 2 AND UP.

 BODY MATERIAL: LIQUID CRYSTAL POLYMER 30 % GLASS.

FLAME RETARDANT ACC. UL 94-VO.

3. PIN MATERIAL:

PHOSPHOR BRONZE.

4. PLATING ON PRESS-FIT TAIL: 85838-XYY IS SnPb, 85838-XYYLF IS Sn(LEAD FREE) CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE BELOW.

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, A SUFFIX "P"
WILL BE ADDED TO THE END OF THE PART NUMBER.
EXAMPLE: XXXXX-XXXP

7. PRODUCT SPECIFICATION: GS-12-180

8. APPLICATION SPECIFICATION: BUS-20-073
AFTER INSERTION INTO CIRCUIT BOARD WITH

∠ QUALIFIED TOOL.

(9.) -A PLATING HAS AU FLASH IN PRESS FIT AREA (LEAD FREE).

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 MAXIMIM 140°C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

PLATING	IN CONTACT AREA	NOTES
DASH NUMBER	PERFORMANCE LEVEL	-
- A Y Y	TELCORDIA CO (SEE NOTE 9)	-
- N I Y Y	TELCORDIA CO (NXT)	-
- N 5 Y Y	TELCORDIA UE (NXT)	-
- I Y Y	TELCORDIA CO	-
- 2 Y Y	TELECOM CLASS	-
- 3 Y Y	IEC CLASS I	-
- 5 Y Y	TELCORDIA UE	-
- AYYLF	TELCORDIA CO (SEE NOTE 9)	SEE NOTE 10
-NIYYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 10
-N5YYLF	TELCORDIA UE (NXT)	SEE NOTE 10
- IYYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 10
-2YYLF	TELECOM CLASS	SEE NOTE 10
-5YYLF	TELCORDIA UE	SEE NOTE 10

d r Terran Huang		n Huang 2010/07/08 projection		n N	l MM		scale			
eng	chr -		2012/09/19		V V	A 4	11:10	11:10		
chr			-				ecn no	ELX-DG-0	ELX-DG-012854-1	
appr			ng 2012/09/19 ρ		lу	METRAL	rel level	Rele	Released	
F	Cj		TRAL SIGN		ER	о и б м	85838	8	rev	
	9	+ N	10D, 5 ROW PF	RESS-FIT		P			BH	
www	.fci.com	cat. no).	-	Product -	Customer	Drw	sheet 9 of	9	

万))

pyright FC

D

Pro/E File - REV C - 2009-06-09

2

PDS: Rev :BH

STATUS:Released

Printed: Sep 19, 2012

D

Α