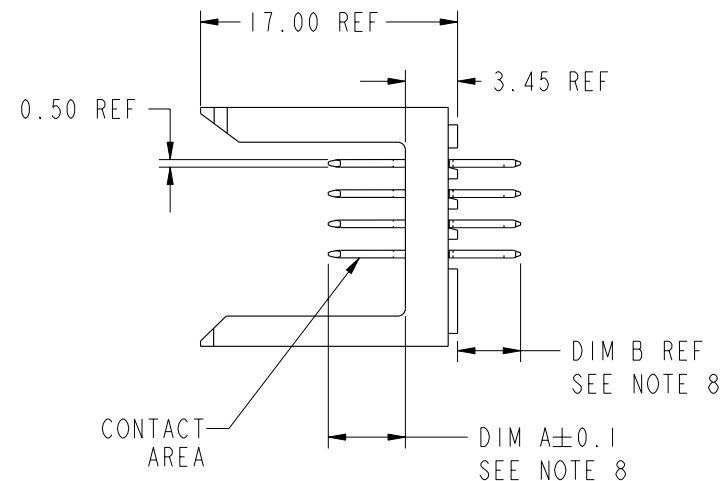
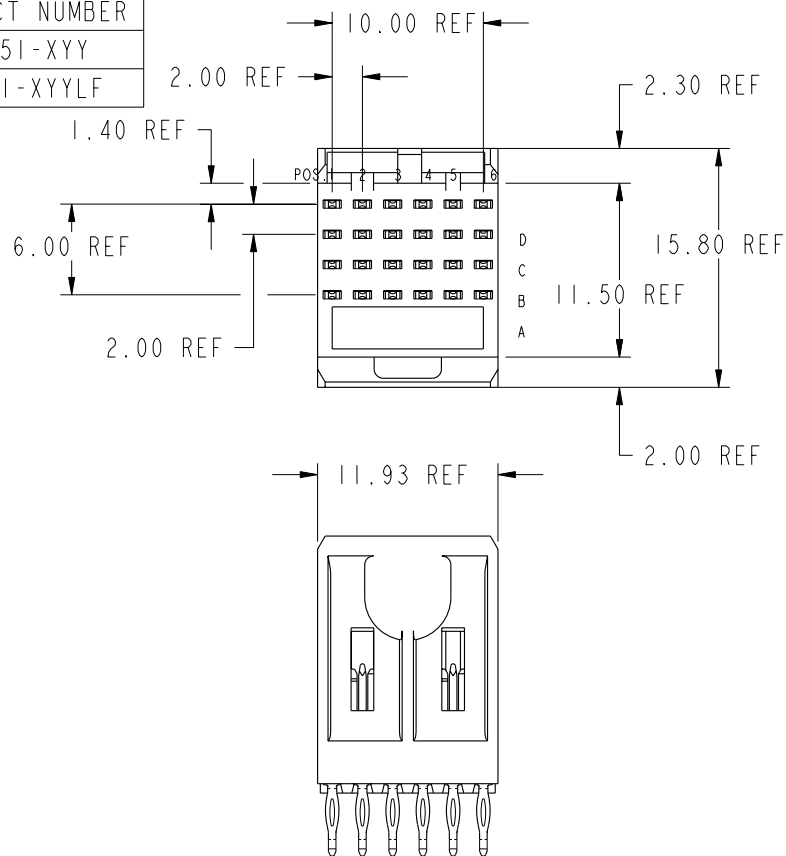




PRODUCT NUMBER
85851-XY
85851-XYLF



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

mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date			0.X ±0.3		COPY		www.fciconnect.com	
AA	V06-0569	DCH	2006-06-13	linear		0.XX ±0.13		projection			
AB	V07-0206	DCH	2007-03-06			.XXX ±.051					
-	-	-	-	angles		0° ±2°					
V	V04-0911	HTB	09/10/04	dr	T.BRUNGARD	11/19/99		MM		product family	METRAL
W	V04-1216	HTB	12/23/04	engr	M.STRAWSE	11/19/99		scale		size	213
X	V05-0099	HTB	01/27/05	chr	M.STRAWSE	11/19/99		2:1		dwg no	85851
Y	V05-0367	DAI	05/25/05	appd	M.STRAWSE	02/29/00				sheet	1 of 4
sheet index	revision sheet	AB	AB	AB	AB						
		1	2	3	4						

cage code 22526

Pro/E

PDM: Rev:AB

STATUS:Released

Printed: Jan 02, 2008



METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X01 SEE NOTE 11 LEAD FREE OPTION	D	12	25	23	23	23	25	
	C	12	25	23	23	23	25	
	B	12	25	23	23	23	25	
	A	12	25	23	23	23	25	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X07 SEE NOTE 11 LEAD FREE OPTION	D	59	59	59	59	59	59	
	C	60	60	60	60	60	60	
	B	60	60	60	60	60	60	
	A	61	61	61	61	61	61	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X13 SEE NOTE 11 LEAD FREE OPTION	D	26	23	25	23	12	12	
	C	23	23	25	23	12	12	
	B	24	23	25	23	12	12	
	A	23	23	25	23	12	12	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X18 SEE NOTE 11 LEAD FREE OPTION	D	19	2	2	2	2	2	
	C	19	2	2	2	2	2	
	B	19	2	2	2	2	2	
	A	19	2	2	2	2	2	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X23 SEE NOTE 11 LEAD FREE OPTION	D	8	8	6	7	7	6	
	C	8	8	6	7	7	6	
	B	8	8	6	7	7	6	
	A	8	8	6	7	7	6	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X02 SEE NOTE 11 LEAD FREE OPTION	D	26	12	12	12	12	23	
	C	23	12	12	12	12	23	
	B	24	12	12	12	12	23	
	A	24	12	12	12	12	23	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X08 SEE NOTE 11 LEAD FREE OPTION	D	4	4	4	4	4	4	
	C	2	2	2	2	2	2	
	B	2	2	2	2	2	2	
	A	2	2	2	2	2	2	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X14 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	3	4	3	
	C	2	2	2	3	4	3	
	B	2	2	2	3	4	3	
	A	2	2	2	3	4	3	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X19 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	1	1	1	
	C	1	1	1	1	1	1	
	B	3	1	1	1	3	1	
	A	1	1	1	1	1	1	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X24 SEE NOTE 11 LEAD FREE OPTION	D	4	4	4	2	2	2	
	C	2	2	2	2	2	2	
	B	2	2	2	2	2	2	
	A	4	4	4	2	2	2	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X03 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	1	1	1	
	C	2	2	2	2	2	2	
	B	2	2	2	2	2	2	
	A	2	2	2	2	2	2	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X09 SEE NOTE 11 LEAD FREE OPTION	D	40	40	40	40	41	41	
	C	40	40	40	40	40	40	
	B	40	40	40	40	40	40	
	A	40	40	40	40	40	40	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X15 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	1	1	1	
	C	1	1	1	1	1	1	
	B	1	1	1	1	3	3	
	A	1	1	1	1	1	1	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X20 SEE NOTE 11 LEAD FREE OPTION	D	4	3	4	2	2	2	
	C	4	3	4	2	2	2	
	B	4	3	4	2	2	2	
	A	4	3	4	2	2	2	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X25 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	4	2	2	
	C	2	2	2	2	2	2	
	B	2	2	2	2	2	2	
	A	2	2	2	4	2	2	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X04 SEE NOTE 11 LEAD FREE OPTION	D	19	19	19	-	-	-	
	C	19	19	19	-	-	-	
	B	19	19	19	-	-	19	
	A	19	19	19	-	-	19	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X10 SEE NOTE 11 LEAD FREE OPTION	D	61	61	61	61	61	61	
	C	20	20	61	61	61	61	
	B	61	61	61	61	61	61	
	A	61	61	61	61	61	61	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X16 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	5	6	6	
	C	6	6	6	8	6	6	
	B	6	6	6	6	6	6	
	A	6	6	6	6	6	6	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X21 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3	
	C	3	3	3	3	3	3	
	B	3	3	3	3	3	3	
	A	1	3	3	3	3	3	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X05 SEE NOTE 11 LEAD FREE OPTION	D	4	1	4	1	1	1	
	C	4	1	1	1	1	1	
	B	4	1	1	1	1	1	
	A	4	1	4	1	1	1	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X11 SEE NOTE 11 LEAD FREE OPTION	D	61	61	61	61	61	61	
	C	61	61	61	61	61	61	
	B	61	61	61	61	61	61	
	A	61	61	61	61	20	20	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X17 SEE NOTE 11 LEAD FREE OPTION	D	20	6	6	6	6	6	
	C	20	6	6	6	6	6	
	B	20	6	6	6	6	6	
	A	20	6	6	6	6	6	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X22 SEE NOTE 11 LEAD FREE OPTION	D	4	4	2	3	3	2	
	C	4	4	2	3	3	2	
	B	4	4	2	3	3	2	
	A	4	4	2	3	3	2	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X27 SEE NOTE 11 LEAD FREE OPTION	D	7	7	6	8	8	20	
	C	7	7	6	8	8	20	
	B	7	7	6	8	8	20	
	A	7	7	6	8	8	20	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X06 SEE NOTE 11 LEAD FREE OPTION	D	59	59	59	59	59	59	
	C	60	60	60	60	60	60	
	B	60	60	60	60	60	60	
	A	60	60	60	60	60	60	

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
85851-X12 SEE NOTE 11 LEAD FREE OPTION	D	61	61	61	61	20	20	
	C	61	61	61	61	61	61	
	B	61	61	61	61	61	61	
	A	61	61	61	61	61	61	

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCj				
lfr	ecn no.	dr	date			COPY		www.fcjconnect.com				
AB	-	-	-	linear	0. X ±0.3	projection	title					
					0. XX ±0.13		METRAL SIGNAL HEADER 1 MOD, 4 ROW PRESS-FIT	product family	code			
				angles	.XXX ±.051					size	dwg no	
					0° ±2°		A	85851	213			
				dr	T.BRUNGARD 11/19/99					scale	1:1	sheet
				enrg	M.STRAWSER 11/19/99							
				chr	M.STRAWSER 11/19/99							
				appd	M.STRAWSER 02/29/00				3			
sheet index	revision sheet											

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCJ		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	0.X ±0.3	COPY		projection		title	
AB	-	-	-	angles	0.XX ±0.13	MM				METRAL SIGNAL HEADER 1 MOD, 4 ROW PRESS-FIT	
				dr	.XXX ±.051	scale				product family	
				engr	0° ±2°	1:1		A		METRAL	
				chr	T.BRUNGARD 11/19/99			size		code	
				appd	M.STRAWSE 11/19/99			85851		213	
					M.STRAWSE 02/29/00					sheet	
										3	
sheet	revision										
index	sheet										



METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X28 SEE NOTE 11 LEAD FREE OPTION	D	1	1	20	5	5	5
	C	1	1	20	5	5	5
	B	1	1	20	5	5	5
	A	1	1	20	5	5	5
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X29 SEE NOTE 11 LEAD FREE OPTION	D	3	3	4	4	3	3
	C	3	3	3	3	1	3
	B	3	3	3	3	3	3
	A	13	13	13	13	13	13
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X30 SEE NOTE 11 LEAD FREE OPTION	D	1	1	3	1	1	1
	C	1	1	3	1	1	1
	B	1	1	1	1	1	3
	A	1	1	1	1	1	3

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:
85851 -XXX IS SnPb
85851-XXYLF IS SN (LEAD FREE)
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE
LEVEL SHOWN IN TABLE.
- 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 OR XXXXX-XXXPLF
- PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH
QUALIFIED TOOL.
- 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.
- FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.
EXAMPLE: 85851-X0ILF
- 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.

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com			
ltr	ecn no.	dr	date	linear	0. X ±0.3	projection	COPY	title METRAL SIGNAL HEADER 1 MOD, 4 ROW PRESS-FIT			
AB					0. XX ±0.13						
					.XXX ±.051						
				angles	0° ±2°	MM scale 1:1	product family METRAL	code		213	
				dr	T.BRUNGARD 11/19/99			size	dwg no	A	sheet 4
				engr	M.STRAWSE 11/19/99						
				chr	M.STRAWSE 11/19/99	appd	M.STRAWSE 02/29/00	cage code	22526	4	
sheet index	revision sheet										