

Excellent Integrated System Limited

Stocking Distributor

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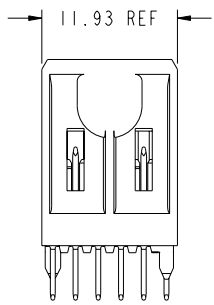
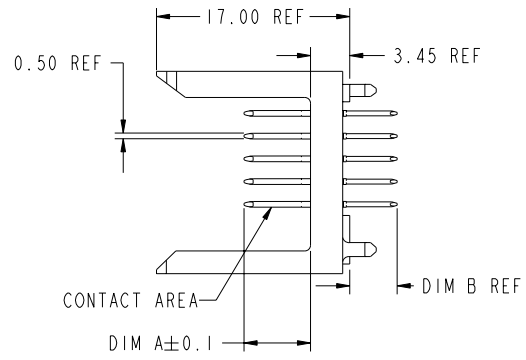
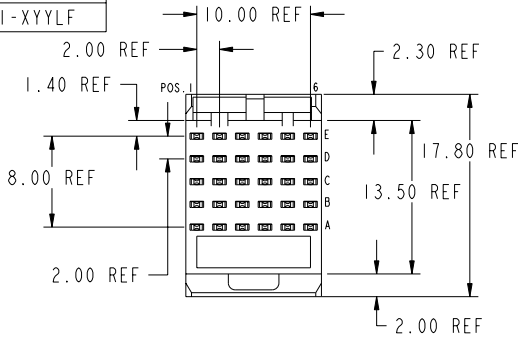
[FCI](#)

[74741-169LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

PRODUCT NUMBER
74741-XXX
74741-XYLF



PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-N1YY	TELCORDIA CO (NXT)	-
-1YY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-9YY	TELCORDIA CO	-
-N1YYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 8
-1YYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 8
-2YYLF	TELECOM CLASS	SEE NOTE 8
-5YYLF	TELCORDIA UE	SEE NOTE 8
-301LF	CUSTOMER SPECIAL	SEE NOTE 8

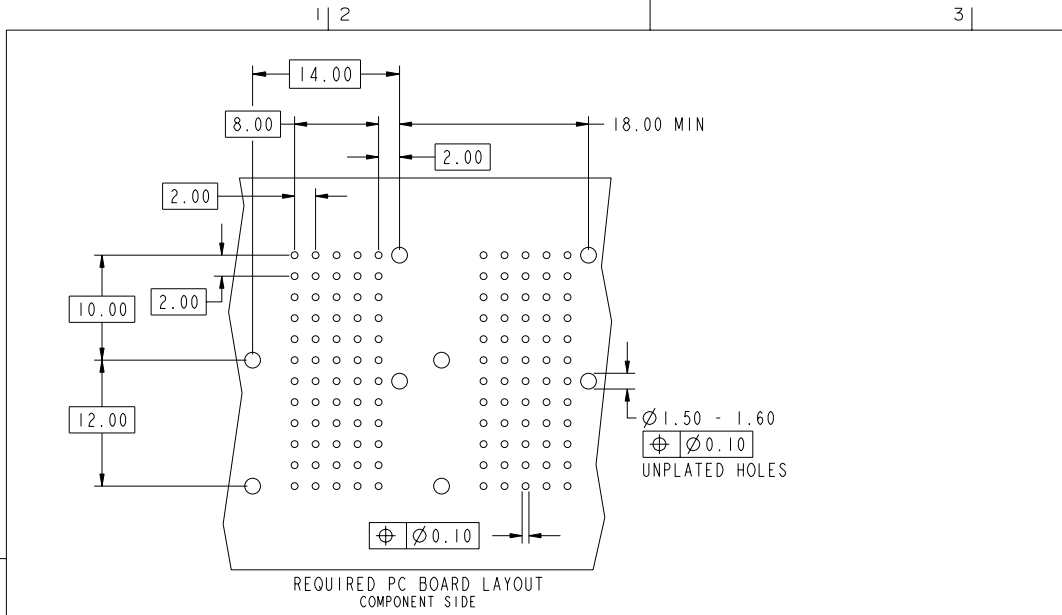
mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
lir	ecr no.	dr	date		0.X ±0.3	COPY		projection		title	
N	V06-0544	DCH	2006-06-09	linear	0.XX ±0.13	MM		MM		METRAL SIGNAL HEADER 1 MOD, 5 ROW STB	
					.XXX ±.051	2:1		A		product family METRAL	
H	V21671	TAB	10/21/02	angles	0° ±2°	scale		A		code 213	
J	V03-1059	DAI	9/24/03	dr	T.BRUNGARD 11/19/99	2:1		A		sheet 1 of 5	
K	V05-0393	DAI	4/26/05	engr	M.STRAWSER 11/19/99	2:1		A		74741	
L	V05-1001	LP	11/7/05	chr	M.STRAWSER 11/19/99	2:1		A		74741	
M	V06-0057	DAI	02/08/06	appd	M.STRAWSER 02/29/00	2:1		A		74741	
sheet	revision	N	N	N	N	N					
index	sheet	1	2	3	4	5					

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REV E - 2006-04-18

Pro/E 3 cage code 22526 4

PDM: Rev:N STATUS:Released Printed: Dec 01, 2009



CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	5.00	4.25
2	5.75	4.25
3	6.50	4.25
4	7.25	4.25
5	5.00	3.30
6	5.75	3.30
7	6.50	3.30
8	7.25	3.30
9	5.00	2.65
10	5.75	2.65
11	6.50	2.65
12	7.25	2.65
13	8.00	4.25

SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

mat'l code		tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecm no.	dr	date	COPY		www.fciconnect.com	
N				linear	0.X ±0.3	projection	title
				linear	0.XX ±0.13		METRAL SIGNAL HEADER
				linear	.XXX ±.051		1 MOD, 5 ROW STB
				angles	0° ±2°	product family	METRAL
		dr	T. BRUNGARD	11/19/99	MM	size	code
		engr	M. STRAWSER	11/19/99	scale	dwg no	213
		chr	M. STRAWSER	11/19/99	2:1	74741	sheet
		appd	M. STRAWSER	02/29/00	A		2
sheet index	revision sheet					cage code	22526

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REV E - 2006-04-18

METRAL P/N		CONTACT CODE MOD. 1					
ROW	1	2	3	4	5	6	
74741-X01	E	3	3	3	3	3	
SEE NOTE 9 LEAD FREE OPTION	D	3	3	3	3	3	
	C	3	3	3	3	3	
	B	3	3	3	3	3	
	A	3	3	3	3	3	

METRAL P/N		CONTACT CODE MOD. 1					
ROW	1	2	3	4	5	6	
74741-X02	E	3	3	3	3	3	
SEE NOTE 9 LEAD FREE OPTION	D	4	4	4	4	4	
	C	4	4	4	4	4	
	B	4	4	4	4	4	
	A	3	3	3	3	3	

METRAL P/N		CONTACT CODE MOD. 1					
ROW	1	2	3	4	5	6	
74741-X31	E	7	7	7	7	7	
SEE NOTE 9 LEAD FREE OPTION	D	7	7	7	7	7	
	C	7	7	7	7	7	
	B	7	7	7	7	7	
	A	7	7	7	7	7	

METRAL P/N		CONTACT CODE MOD. 1					
ROW	1	2	3	4	5	6	
74741-X32	E	7	7	7	7	7	
SEE NOTE 9 LEAD FREE OPTION	D	8	8	8	8	8	
	C	8	8	8	8	8	
	B	8	8	8	8	8	
	A	7	7	7	7	7	

METRAL P/N		CONTACT CODE MOD. 1					
ROW	1	2	3	4	5	6	
74741-X61	E	1	1	1	1	1	
SEE NOTE 9 LEAD FREE OPTION	D	1	1	1	1	1	
	C	1	1	1	1	1	
	B	1	1	1	1	1	
	A	1	1	1	1	1	

METRAL P/N		CONTACT CODE MOD. 1					
ROW	1	2	3	4	5	6	
74741-X62	E	1	1	1	1	1	
SEE NOTE 9 LEAD FREE OPTION	D	12	12	12	12	12	
	C	12	12	12	12	12	
	B	12	12	12	12	12	
	A	1	1	1	1	1	

METRAL P/N		CONTACT CODE MOD. 1					
ROW	1	2	3	4	5	6	
74741-X63	E	1	1	1	1	1	
SEE NOTE 9 LEAD FREE OPTION	D	1	1	1	1	1	
	C	1	1	1	1	1	
	B	1	1	1	1	1	
	A	1	1	1	1	1	

METRAL P/N		CONTACT CODE MOD. 1					
ROW	1	2	3	4	5	6	
74741-X64	E	1	1	1	1	1	
SEE NOTE 9 LEAD FREE OPTION	D	1	1	1	1	1	
	C	1	1	1	1	1	
	B	1	1	1	1	1	
	A	3	3	3	3	3	

METRAL P/N		CONTACT CODE MOD. 1					
ROW	1	2	3	4	5	6	
74741-X65	E	2	2	2	2	2	
SEE NOTE 9 LEAD FREE OPTION	D	3	3	3	3	3	
	C	2	2	2	2	2	
	B	2	2	2	2	2	
	A	3	3	3	3	3	

METRAL P/N		CONTACT CODE MOD. 1					
ROW	1	2	3	4	5	6	
74741-X66	E	2	2	2	2	2	
SEE NOTE 9 LEAD FREE OPTION	D	2	2	2	2	2	
	C	2	2	2	2	2	
	B	4	4	4	4	4	
	A	2	2	2	2	2	

METRAL P/N		CONTACT CODE MOD. 1					
ROW	1	2	3	4	5	6	
74741-X67	E	3	3	3	3	3	
SEE NOTE 9 LEAD FREE OPTION	D	3	3	3	3	3	
	C	4	4	4	4	4	
	B	13	13	13	13	13	
	A	13	13	13	13	13	

METRAL P/N		CONTACT CODE MOD. 1					
ROW	1	2	3	4	5	6	
74741-X68	E	3	3	3	3	3	
SEE NOTE 9 LEAD FREE OPTION	D	3	3	3	3	3	
	C	3	3	3	3	3	
	B	13	13	13	13	13	
	A	3	3	3	3	3	

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ± 0.3	projection	COPY	title			
N					0.XX ± 0.13	MM		METRAL SIGNAL HEADER			
				angles	.XXX ± .051	2:1		1 MOD, 5 ROW STB			
				dr	0° ± 2°			product	family	METRAL	code
				eng	T. BRUNGARD 11/19/99			size	dwg no		213
				chr	M. STRAWSER 11/19/99						sheet
				appd	M. STRAWSER 02/29/00						3
sheet index	revision sheet										

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METRAL P/N	ROW	CONTACT CODE MOD. 1				
		1	2	3	4	5
74741-X69 SEE NOTE 9 LEAD FREE OPTION	E	2	2	2	2	2
	D	2	2	2	2	2
	C	2	2	2	2	2
	B	2	2	2	2	2
	A	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				
		1	2	3	4	5
74741-X70 SEE NOTE 9 LEAD FREE OPTION	E	4	4	4	4	4
	D	4	4	4	4	4
	C	4	4	4	4	4
	B	4	4	4	4	4
	A	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1				
		1	2	3	4	5
74741-X71 SEE NOTE 9 LEAD FREE OPTION	E	13	13	13	13	13
	D	13	13	13	13	13
	C	13	13	13	13	13
	B	13	13	13	13	13
	A	13	13	13	13	13

METRAL P/N	ROW	CONTACT CODE MOD. 1				
		1	2	3	4	5
74741-X72 SEE NOTE 9 LEAD FREE OPTION	E	9	9	9	9	9
	D	9	9	9	9	9
	C	9	9	9	9	9
	B	9	9	9	9	9
	A	9	9	9	9	9

METRAL P/N	ROW	CONTACT CODE MOD. 1				
		1	2	3	4	5
74741-X73 SEE NOTE 9 LEAD FREE OPTION	E	9	9	9	9	9
	D	9	9	9	9	9
	C	9	9	9	9	9
	B	9	9	9	9	9
	A	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1				
		1	2	3	4	5
74741-X74 SEE NOTE 9 LEAD FREE OPTION	E	10	10	10	10	10
	D	11	11	11	11	11
	C	10	10	10	10	10
	B	10	10	10	10	10
	A	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1				
		1	2	3	4	5
74741-X75 SEE NOTE 9 LEAD FREE OPTION	E	11	11	11	11	11
	D	11	11	11	11	11
	C	11	11	11	11	11
	B	11	11	11	11	11
	A	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1				
		1	2	3	4	5
74741-X76 SEE NOTE 9 LEAD FREE OPTION	E	10	10	10	10	10
	D	10	10	10	10	10
	C	10	10	10	10	10
	B	12	12	12	12	12
	A	10	10	10	10	10

METRAL P/N	ROW	CONTACT CODE MOD. 1				
		1	2	3	4	5
74741-X77 SEE NOTE 9 LEAD FREE OPTION	E	10	10	10	10	10
	D	10	10	10	10	10
	C	10	10	10	10	10
	B	10	10	10	10	10
	A	10	10	10	10	10

METRAL P/N	ROW	CONTACT CODE MOD. 1				
		1	2	3	4	5
74741-X78 SEE NOTE 9 LEAD FREE OPTION	E	12	12	12	12	12
	D	12	12	12	12	12
	C	12	12	12	12	12
	B	12	12	12	12	12
	A	12	12	12	12	12

METRAL P/N	ROW	CONTACT CODE MOD. 1				
		1	2	3	4	5
74741-X79 SEE NOTE 9 LEAD FREE OPTION	E	5	5	5	5	5
	D	5	5	5	5	5
	C	5	5	5	5	5
	B	5	5	5	5	5
	A	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1				
		1	2	3	4	5
74741-X80 SEE NOTE 9 LEAD FREE OPTION	E	6	6	6	6	6
	D	6	6	6	6	6
	C	6	6	6	6	6
	B	6	6	6	6	6
	A	6	6	6	6	6

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ± 0.3	projection	COPY	title			
N				angles	0.XX ± 0.13	MM		METRAL SIGNAL HEADER			
				dr	.XXX ± 0.01	1:1		I MOD, 5 ROW STB			
				eng	0° ± 2°			product family	METRAL	code	213
				chr	T.BRUNGARD 11/19/99			size		sheet	4
				appd	M.STRAWSER 11/19/99			dwg no	74741		
sheet index	revision sheet				M.STRAWSER 11/19/99						
					M.STRAWSER 02/29/00						

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METRAL P/N	ROW	CONTACT CODE MOD. 1				
		1	2	3	4	5
74741-X81 SEE NOTE 9 LEAD FREE OPTION	E	5	5	5	5	5
	D	5	5	5	5	5
	C	5	5	5	5	5
	B	5	5	5	5	5
	A	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1				
		1	2	3	4	5
74741-X85 SEE NOTE 9 LEAD FREE OPTION	E	3	3	3	3	3
	D	3	3	3	3	3
	C	-	-	-	-	-
	B	3	3	3	3	3
	A	3	3	3	3	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:
74741-XYX IS SnPb
74741-XYLF 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: XXXX-XXXP OR XXXX-XXXLP
- PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-074
- 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: 74741-X01LF
- 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.

METRAL P/N	ROW	CONTACT CODE MOD. 1				
		1	2	3	4	5
74741-X82 SEE NOTE 9 LEAD FREE OPTION	E	6	6	6	6	6
	D	7	7	7	7	7
	C	6	6	6	6	6
	B	6	6	6	6	6
	A	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1				
		1	2	3	4	5
74741-X83 SEE NOTE 9 LEAD FREE OPTION	E	6	6	6	6	6
	D	6	6	6	6	6
	C	6	6	6	6	6
	B	8	8	8	8	8
	A	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1				
		1	2	3	4	5
74741-X84 SEE NOTE 9 LEAD FREE OPTION	E	8	8	8	8	8
	D	8	8	8	8	8
	C	8	8	8	8	8
	B	8	8	8	8	8
	A	8	8	8	8	8



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mat'l code		tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecr no.	dr	date	COPY		www.fciconnect.com	
N				linear	0.X ± 0.3	projection	title
					0.XX ± 0.13		METRAL SIGNAL HEADER
				angles	.XXX ± .051		1 MOD, 5 ROW STB
					0° ± 2°		product family
				dr	T.BRUNGARD 11/19/99		METRAL
				eng	M.STRAWSER 11/19/99	size	code
				chr	M.STRAWSER 11/19/99	scale	213
				appd	M.STRAWSER 02/29/00	1:1	sheet
sheet index	revision sheet					A	5

1 | 2

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Pro/E

cage code 22526