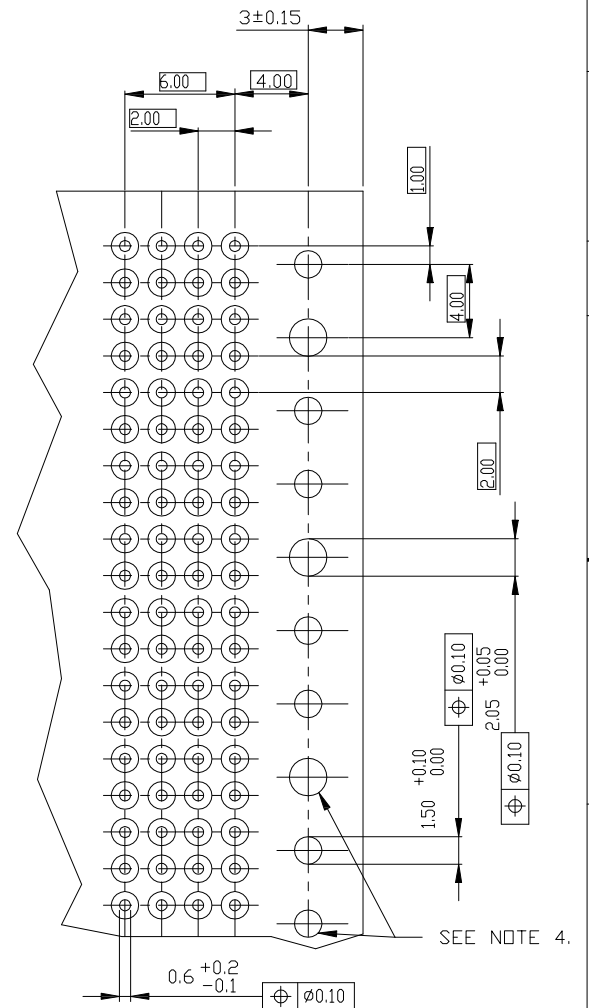


PLATING CONTACT AREA:	
DASH NR:	PERFORMANCE LEVEL
-1YY/1YYLF	TELCORDIA CO
-2YY/2YYLF	CUSTOMER SPECIAL
-3YY/3YYLF	CUSTOMER SPECIAL

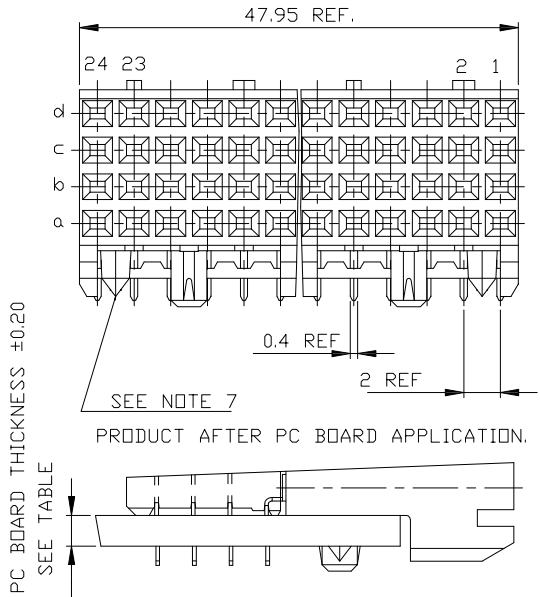
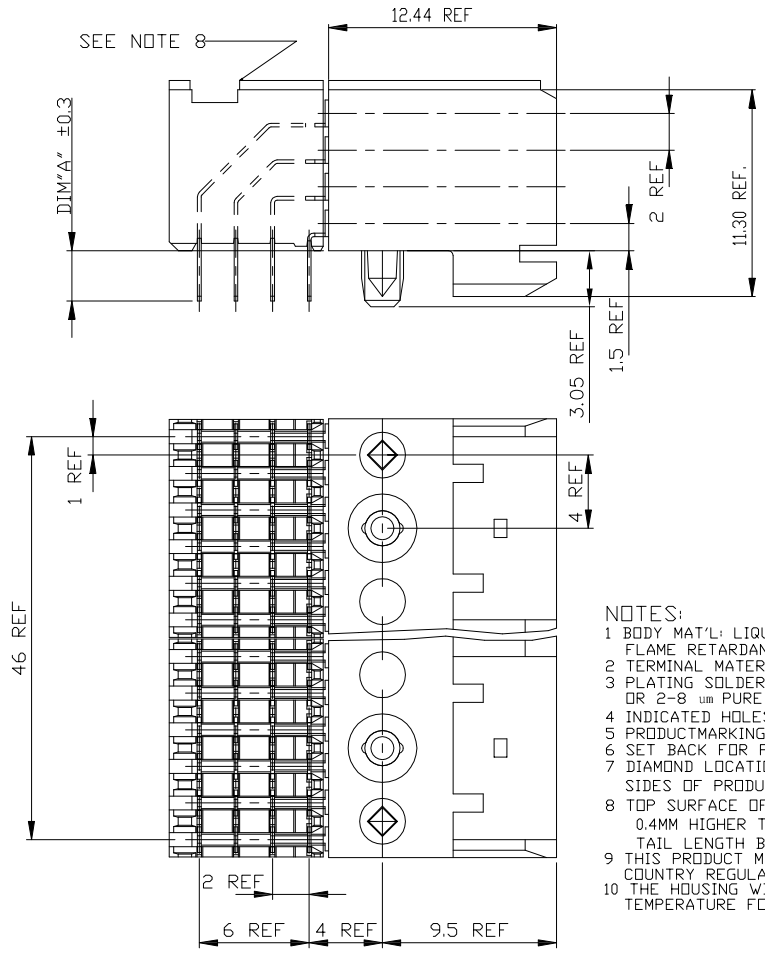


mat'l code		tolerances unless otherwise specified		CUSTOMER COPY		 ***fcdconnection.com	
SEE NOTES				projection   mm		title	
ltr	ecn	andr	date			RA RECEPTACLE SIG48mm PRESS PEG	
L	DG99-0068	Cenh	06/06/09	linear		product family METRAL(tn)	code 213
K	8266-9478	Cenh	11/23/06	angles		size	dwg no 1 of 3
L	DG07-0230	Cenh	05/30/07	dr R 8 VISSCHERS	951017		
M	DG07-0232	Cenh	05/31/07	engr P SCHALK	951017		
N	DG07-0169	Cenh	6/08/07	chr P SCHALK	951017	scale	
P	DG08-0171	TER	8/26/08	appr P SCHALK	951017	A2	85869
sheet	revision	R	R	R	R		sheet 1 of 3
index	sheet	1	2	3	4		

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FCI
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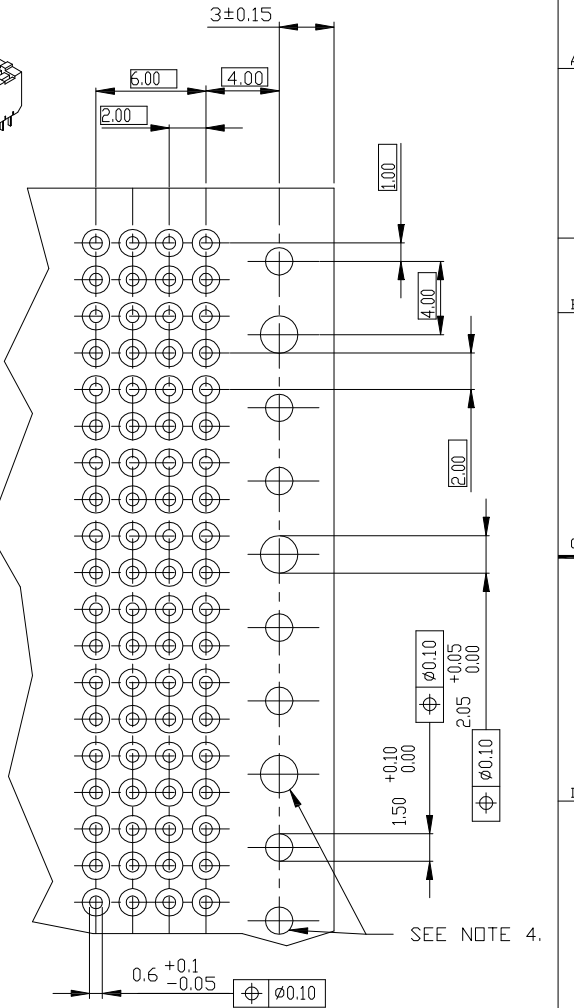
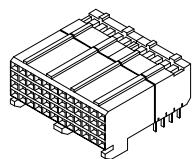
		1					2										3					4									
PRODUCT NR.	ROW#	CONFIGURATION																								DIM A	PCB THICKNESS				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24						
85869-X20	D	X	X	X	-	-	-	X	X	X	X	-	-	X	X	X	X	X	X	-	-	X	X	X	X	2.90	1.6				
	C	X	X	X	-	-	-	X	X	X	X	X	-	X	X	X	X	X	X	-	-	X	X	X	X						
	B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
85869-X20LF	A	X	X	X	-	-	-	X	X	X	X	X	-	X	X	X	X	X	X	X	-	-	X	X	X	2.90	1.6				
	D	X	X	-	X	X	-	X	X	-	-	X	X	-	X	X	-	X	X	X	X	X	X	X							
	C	X	X	-	X	X	-	X	X	-	-	X	X	-	X	X	-	X	X	X	X	X	X	X							
85869-X21	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	X	X	2.90	1.6					
	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								
	D	-	X	-	-	-	X	-	X	-	-	X	-	X	X	-	X	X	X	X	X	X	X	X							
85869-X21LF	C	X	X	-	X	X	-	X	X	-	-	X	X	-	X	X	-	X	X	X	X	X	X	X	2.90	1.6					
	B	-	X	-	-	-	X	-	X	-	-	X	-	X	X	-	X	X	X	X	X	X	X								
	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								
85869-X22	D	-	X	-	-	-	X	-	X	-	-	X	-	X	X	-	X	-	X	-	X	-	X	-	2.90	1.6					
	C	X	-	-	-	X	-	X	-	-	X	-	X	X	-	X	-	X	-	X	-	X	-								
	B	-	X	-	-	-	X	-	X	-	-	X	-	X	X	-	X	-	X	-	X	-	X	-							
85869-X22LF	A	X	-	X	-	X	-	X	-	-	X	-	X	-	X	-	X	-	X	-	X	-	X	-	2.90	1.6					
	D	-	X	-	X	-	X	-	X	-	-	X	-	X	X	-	X	-	X	-	X	-	X	-							
	C	X	-	-	X	X	-	X	-	-	X	-	X	-	X	-	X	-	X	-	X	-	X	-							
85869-X23	B	-	X	-	-	-	X	-	X	-	-	X	-	X	X	-	X	-	X	-	X	-	X	-	2.90	1.6					
	A	X	-	X	-	X	-	X	-	-	X	-	X	-	X	-	X	-	X	-	X	-	X	-							
	D	-	X	-	X	-	X	-	X	-	-	X	-	X	-	X	-	X	-	X	-	X	-								
85869-X23LF	C	X	-	-	X	X	-	X	-	-	X	-	X	-	X	-	X	-	X	-	X	-	X	-	2.90	1.6					
	B	-	X	-	-	X	-	X	-	-	X	-	X	-	X	-	X	-	X	-	X	-	X	-							
	A	X	-	X	-	X	-	X	-	-	X	-	X	-	X	-	X	-	X	-	X	-	X	-							
85869-X24	D	-	X	-	X	-	X	-	X	-	-	X	-	X	-	X	-	X	-	X	-	X	-	X	2.90	1.6					
	C	X	-	-	X	-	X	-	X	-	-	X	-	X	-	X	-	X	-	X	-	X	-								
	B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
85869-X24LF	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.6					
	D	X	X	-	-	X	X	-	X	X	-	-	X	X	X	X	X	X	X	X	X	X	X								
	C	X	X	-	-	X	X	-	X	X	-	-	X	X	X	X	X	X	X	X	X	X	X								
85869-X25	B	X	X	-	-	X	X	-	X	X	-	-	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.6					
	A	X	X	-	-	X	X	-	X	X	-	-	X	X	X	X	X	X	X	X	X	X	X								
	D	X	X	-	-	X	X	-	X	X	-	-	X	X	X	X	X	X	X	X	X	X	X								
85869-X25LF	B	X	X	-	-	X	X	-	X	X	-	-	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.6					
	A	X	X	-	-	X	X	-	X	X	-	-	X	X	X	X	X	X	X	X	X	X	X								
	D	X	X	-	-	X	X	-	X	X	-	-	X	X	X	X	X	X	X	X	X	X	X								

"-" POSITION NOT LOADED
"X" POSITION LOADED



- NOTES:
- 1 BODY MAT'L: LIQUID CRYSTAL POLYMER 30% GLASS
FLAME RETARDANT ACC. UL 94-V0
 - 2 TERMINAL MATERIAL: PHOSPHOR BRONZE.
 - 3 PLATING SOLDER TAILS 2-8 μ m SnPb 90-97.
OR 2-8 μ m PURE Sn FOR PART NUMBER WITH LF SUFFIX.
 - 4 INDICATED HOLES ARE UNPLATED.
 - 5 PRODUCT MARKING: PART NUMBER & BATCH ID.
 - 6 SET BACK FOR PRESS BLOCK
 - 7 DIAMOND LOCATION PEG ARE ONLY EXISTED ON THE BOTH SIDES OF PRODUCT.
 - 8 TOP SURFACE OF PRESS BLOCK MAY EXTEND UP TO 0.4MM HIGHER THAN HOUSING. THIS MAY AFFECT THE TAIL LENGTH BEFORE APPLICATION TO A BOARD
 - 9 THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
 - 10 THE HOUSING WILL WITHSTAND EXPOSURE TO 245 DEGREE PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION.

PLATING CONTACT AREA:	
DASH NR:	PERFORMANCE LEVEL
-1YY/1YYLF	TELCORDIA CO
-2YY/2YYLF	CUSTOMER SPECIAL
-3YY/3YYLF	CUSTOMER SPECIAL



RECOMMENDED HOLE PATTERN,
COMPONENT SIDE.

mat'l. code SEE NOTES		tolerances unless otherwise specified		CUSTOMER COPY		FCI www.fciconnection.com	
litr	ecn no	dr	date	linear	projection	title	RA RECEPTACLE SIG48mm PRESS PEG
R				angles	ϕ	product family	METRAL(tm)
		dr	H. Mengede	990525	mm	size	dwg no
		engr	M. Loman	990525		code	213
		chr	M. Loman	990525	scale	A2	85869
		app	M. Loman	990525	5:1	sheet	2 of 2
sheet	revision						
Index	sheet						

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PRODUCT NR:

ROW#

1

2

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4

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6

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8

9

10

11

12

13

14

15

16

17

18

19

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21

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23

24

DIM A

PCB THICKNESS

85869-X30	D	X	X	X	-	-	-	X	X	X	X	X	-	X	X	X	X	X	X	-	X	X	X	X	2.90	1.6
85869-X30LF	C	X	X	X	-	-	-	X	X	X	X	X	-	X	X	X	X	X	X	-	X	X	X	X	2.90	1.6
	B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.6
	A	X	X	X	-	-	-	X	X	X	X	X	-	X	X	X	X	X	X	-	X	X	X	X	2.90	1.6
85869-X31	D	X	X	-	X	X	-	X	X	-	-	X	X	-	X	X	X	X	X	X	X	X	X	X	2.90	1.6
85869-X31LF	C	X	X	-	X	X	-	X	X	-	-	X	X	-	X	X	X	X	X	X	X	X	X	X	2.90	1.6
	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90	1.6	
	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.6	
85869-X32	D	-	X	-	-	-	X	-	X	-	-	X	-	X	X	X	-	X	-	X	-	X	-	2.90	1.6	
85869-X32LF	C	X	-	-	-	X	-	-	X	-	-	X	-	X	X	X	-	X	-	X	-	X	-	2.90	1.6	
	B	-	X	-	-	-	X	-	X	-	-	X	-	X	X	X	-	X	-	X	-	X	-	2.90	1.6	
	A	X	-	X	-	X	-	-	X	-	-	X	-	X	X	X	-	X	-	X	-	X	-	2.90	1.6	
85869-X33	D	-	X	-	X	-	X	-	X	-	-	X	-	X	X	X	-	X	-	X	-	X	-	2.90	1.6	
85869-X33LF	C	X	-	-	X	X	-	-	X	-	-	X	-	X	X	X	-	X	-	X	-	X	-	2.90	1.6	
	B	-	X	-	-	-	X	-	X	-	-	X	-	X	X	X	-	X	-	X	-	X	-	2.90	1.6	
	A	X	-	X	-	X	-	-	X	-	-	X	-	X	X	X	-	X	-	X	-	X	-	2.90	1.6	
85869-X34	D	-	X	-	X	-	X	-	X	-	-	X	-	X	X	X	-	X	-	X	-	X	-	2.90	1.6	
85869-X34LF	C	X	-	-	X	-	X	-	X	-	-	X	-	X	X	X	-	X	-	X	-	X	-	2.90	1.6	
	B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.6	
	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2.90	1.6	

PLATING CONTACT AREA:

DASH NR:

PERFORMANCE LEVEL

-1YY/1YYLF

TELCORDIA CO

-2YY/2YYLF

CUSTOMER SPECIAL

-3YY/3YYLF

CUSTOMER SPECIAL

3±0.15

6.00

4.00

2.00

1.00

4.00

2.00

2.05

0.05

0.00

1.50

0.00

0.6

0.2

-0.1

0.10

SEE NOTE 4.

47.95 REF.

24

23

2

1

0.4 REF

2 REF

SEE NOTE 6

PRODUCT AFTER PC BOARD APPLICATION.

PC BOARD THICKNESS ±0.20

SEE TABLE

12.44 REF.

DIM "A" REF.

1.5 REF.

2 REF.

2.98 REF.

11.3 REF.

46 REF.

1 REF.

4 REF.

2 REF.

6 REF.

4 REF.

9.5 REF.

NOTES:

1 BODY MAT'L: LIQUID CRYSTAL POLYMER 30% GLASS

2 FLAME RETARDANT ACC. UL 94-V0

3 TERMINAL MATERIAL: PHOSPHOR BRONZE

4 PLATING SOLDER TAILS 2-8 um SnPb 90-97.

5 OR 2-8 um PURE Sn FOR PART NUMBER WITH LF SUFFIX.

6 INDICATED HOLES ARE UNPLATED.

7 PRODUCT MARKING: PART NUMBER & BATCH ID.

8 DIAMOND LOCATION PEG ARE ONLY EXISTED ON THE BOTH SIDES OF PRODUCT.

9 THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

10 THE HOUSING WILL WITHSTAND EXPOSURE TO 260 DEGREE PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION.

RECOMMENDED HOLE PATTERN, COMPONENT SIDE.

mat'l. code

SEE NOTES

tolerances unless otherwise specified

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FCI

www.fciconnection.com

linear

projection

title

RA RECEPTACLE

SIG48mm PRESS PEG

product family

METAL(tn)

code

213

mm

scale

5:1

size

dwg no

85869

sheet

3 of-

revision

sheet

index

Form A2

1

2

3

4

5

6

7

8