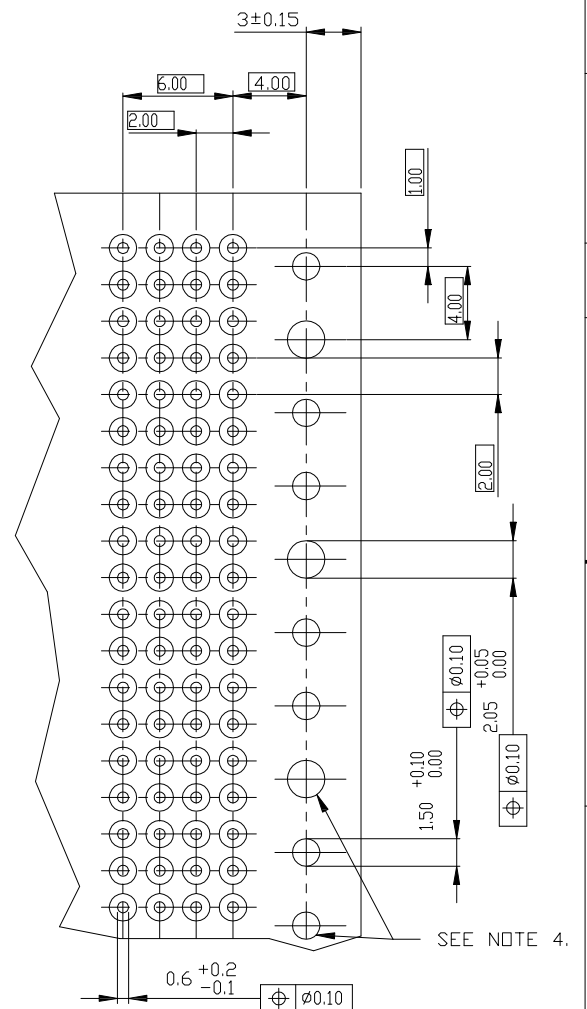


PLATING CONTACT AREA:	
DASH NR:	PERFORMANCE LEVEL
-1YY/1YYLF	TELCORDIA CO
-2YY/2YYLF	CUSTOMER SPECIAL
-3YY/3YYLF	CUSTOMER SPECIAL

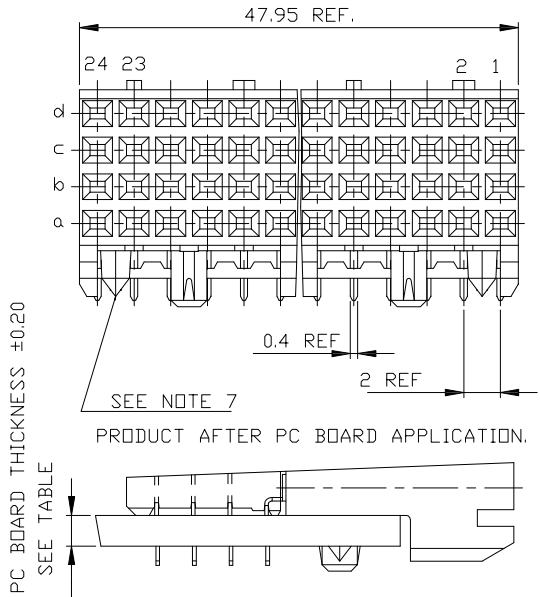
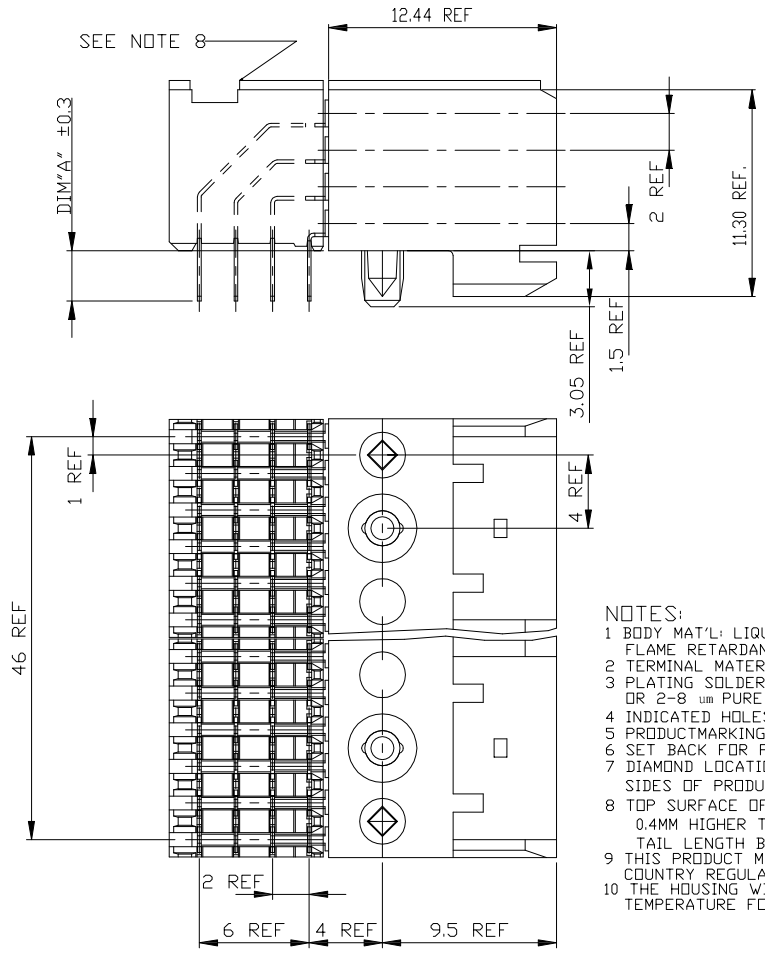


mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY			
SEE NOTES						***Fidconnection	
trn#		date		projection		title	
R D009-0068		CenH 06/06/09					
linear		angles				RA RECEPTACLE SIG48mm PRESS PEG	
K 1006-0478		CenH 11/23/06					
L D007-0230		dr R V SSSCHERS		951017		product name METRAL(tn) sizedwg no	
M D007-0232		CenH 05/30/07		951017			
N D007-0169		CenH 6/08/07		951017		sheet 1 of 3	
P D008-0171		TER 8/26/08		951017			
sheet		revision		scale		A2	
index		sheet		5:1		85869	
		1 2 3					

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FCI
© F C I S.A.

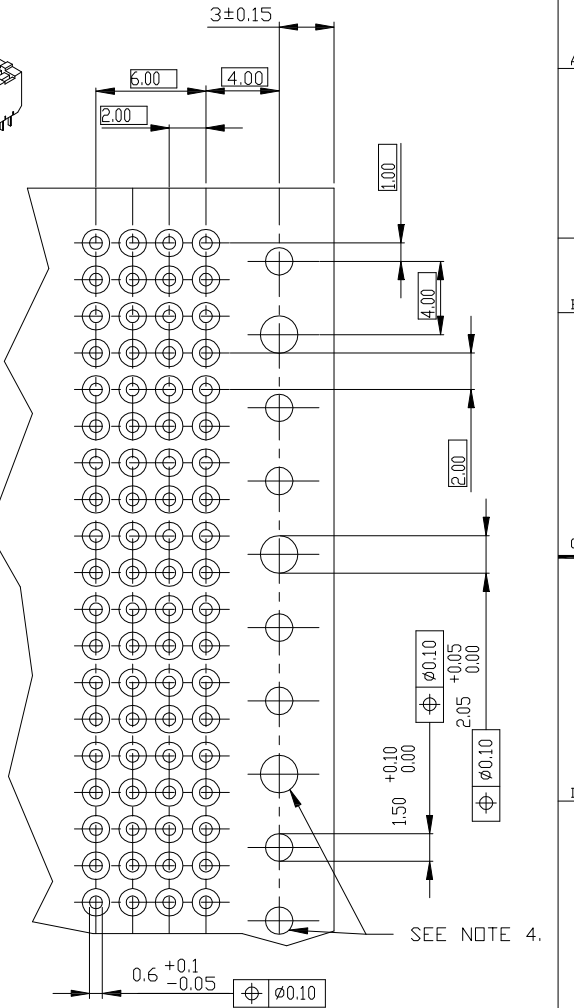
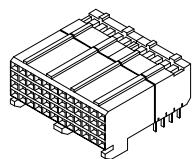
1										2										3 4														
PRODUCT NR:	ROW#	CONFIGURATION																								DIM A	PCB THICKNESS							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24									
85869-X20	D	X	X	X	-	-	-	X	X	X	X	-	-	X	X	X	X	X	X	X	-	X	X	X	X	2.90	1.6							
	C	X	X	X	-	-	-	X	X	X	X	X	-	X	X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

"-" 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	51	sheet
		app	M. Loman	990525			2 of-
sheet	revision						
Index	sheet						

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PRODUCT NR:

ROW#

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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	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	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	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	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	X	X	2.90	1.6
85869-X32	D	-	X	-	-	-	-	X	-	-	-	-	-	X	X	X	-	X	-	X	-	X	-	X	-	2.90	1.6
85869-X32LF	C	X	-	-	-	-	-	X	-	-	-	-	-	X	-	X	-	X	-	X	-	X	-	X	-	2.90	1.6
	B	-	X	-	-	-	-	X	-	-	-	-	-	X	-	X	-	X	-	X	-	X	-	X	-	2.90	1.6
	A	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	-	2.90	1.6
85869-X33LF	C	X	-	-	-	-	-	X	-	-	-	-	-	X	-	X	-	X	-	X	-	X	-	X	-	2.90	1.6
	B	-	X	-	-	-	-	X	-	-	-	-	-	X	-	X	-	X	-	X	-	X	-	X	-	2.90	1.6
	A	X	-	X	-	X	-	-	-	-	-	-	-	X	-	X	-	X	-	X	-	X	-	X	-	2.90	1.6
85869-X34	D	-	X	-	-	-	-	X	-	-	-	-	-	X	-	X	-	X	-	X	-	X	-	X	-	2.90	1.6
85869-X34LF	C	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	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	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

12.44 REF.

DIM "A" REF.

1.5 REF.

2 REF.

2.98 REF.

11.3 REF.

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

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

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

RECOMMENDED HOLE PATTERN, COMPONENT SIDE.

SEE NOTE 4.

RA RECEPTACLE

SIG48mm PRESS PEG

product family

METAL(tn)

code

213

sheet

3 of-

nat'l. code

SEE NOTES

tolerances unless otherwise specified

CUSTOMER COPY

F.C.I.

www.fciconnection

linear

projection

mm

scale

5:1

sheet

revision

index

sheet

Form A2

1

2

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8