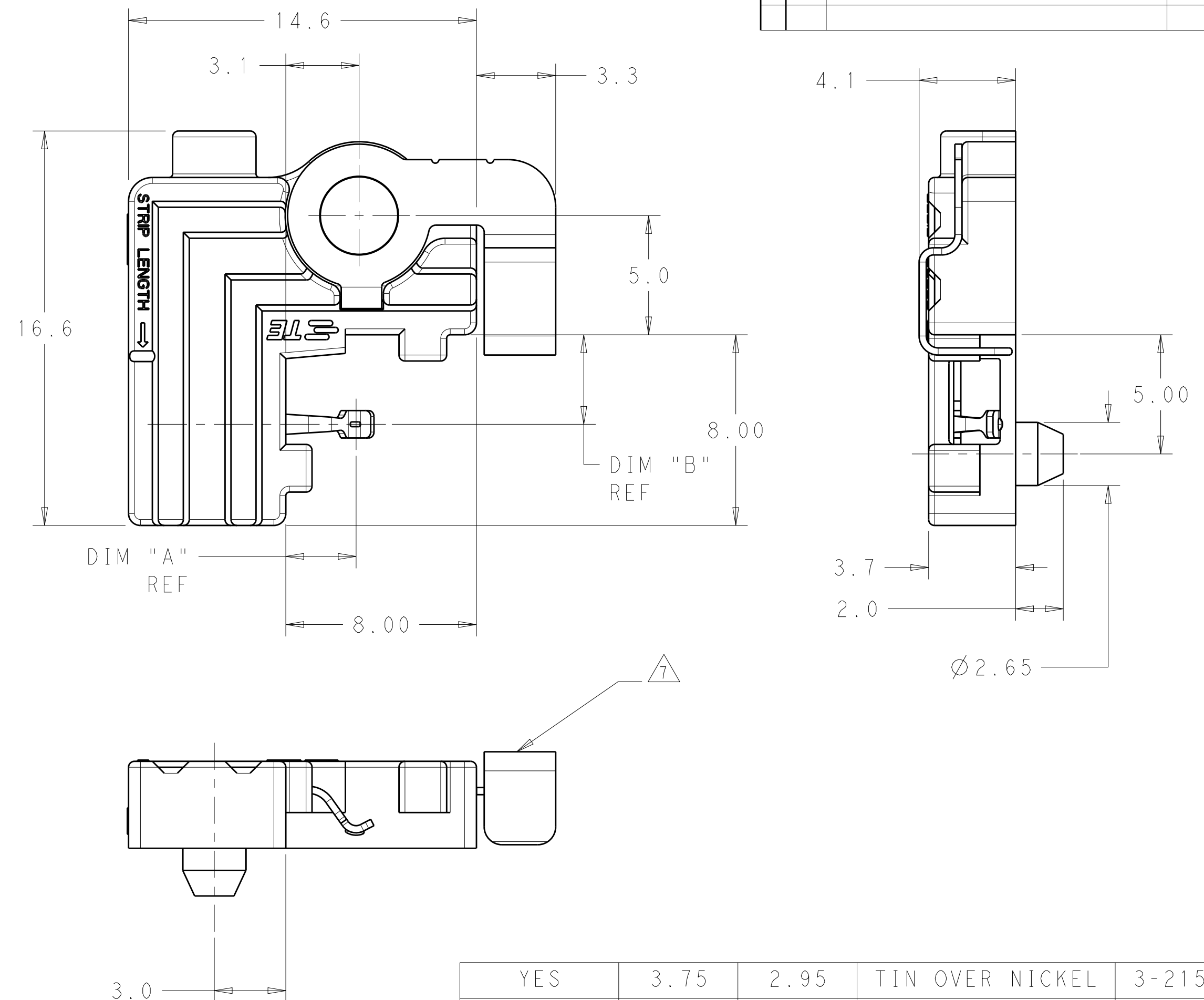


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-		10	ADD LEDS GENERAL UPDATE	13JAN2014	MM	MM

9 RECOMMENDED PCB PAD AND HEAT SINK LAYOUT FOR LED PANEL APPLICATIONS. THE RECOMMENDED LED HOLDER FOR THESE APPLICATIONS IS PART NUMBER 1-2154857-3. IN APPLICATIONS WHERE THE LED PANEL IS LESS THAN 1.5MM THICK USE 3-2154857-3 WITH THERMAL SPRINGS IF THERMAL PRESSURE FROM THE HOLDER IS REQUIRED.



YES	3.75	2.95	TIN OVER NICKEL	3-2154857-3
YES	3.75	2.95	GOLD OVER NICKEL	2-2154857-3
YES	2.25	2.00	GOLD OVER NICKEL	2-2154857-2
YES	1.85	1.55	GOLD OVER NICKEL	2-2154857-1
NO	3.75	2.95	TIN OVER NICKEL	1-2154857-3
NO	2.25	2.00	TIN OVER NICKEL	1-2154857-2
 THERMAL SPRING	DIM "B"	DIM "A"	CONTACT PLATING	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 16MAR2012 M. MOSTOLIER CHK 16MAR2012 M. MOSTOLIER APVD 16MAR2012		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.2 1 PLC ±0.13 2 PLC ±0.10 3 PLC ±0.001 4 PLC ±0.0001 ANGLES ±2		NAME TWO PIECE ASSEMBLY LUMAWISE LED HOLDER, SCALABLE -	
		PRODUCT SPEC 108-133005 APPLICATION SPEC 114-32043			
MATERIAL -		WEIGHT -		SIZE A2	CAGE CODE 00779
		CUSTOMER DRAWING		DRAWING NO C-2154857	RESTRICTED TO -
				SCALE 6:1	SHEET 1 OF 3
				REV 10	

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

© COPYRIGHT 20

BY -

ALL RIGHTS RESERVED.

LOC-

DIST-

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

LED TYPE	LED DIMENSION △3	DIM "C"	DIM "D"	DIM "E"	DIM "F"	RECOMMENED SOCKET PART NUMBER
BRIDGELUX ES	25.5 X 22.3	9.70	16.30	6.30	15.80	1-2154857-2
BRIDGELUX LS	17.5 X 13.3	5.83	11.83	1.83	11.93	1-2154857-3
CITIZEN CLL020/022	13.5 X 13.5	3.80	11.90	1.90	9.90	2-2154857-1
CITIZEN CLL030/032	19.0 X 19.0	6.55	14.65	4.65	12.65	2-2154857-1
CITIZEN CLL040/042	28.0 X 28.0	11.05	19.15	9.15	17.15	2-2154857-2
CITIZEN CLL050/052	38.0 X 38.0	16.05	24.15	14.15	22.15	2-2154857-2
CITIZEN L330	28.0 X 19.0	11.05	14.65	4.65	17.15	2-2154857-3
CITIZEN L340	28.5 X 28.5	11.30	19.40	9.40	17.40	2-2154857-3
CREE CXA2011	22.0 X 22.0	8.05	16.15	6.15	14.15	1-2154857-3
CREE CXA13XX	13.35 X 13.35	3.73	11.83	1.83	9.83	2-2154857-2
CREE CXA15XX	15.85 X 15.85	4.98	13.08	3.08	11.08	2-2154857-2
CREE CXA1816	17.85 X 17.85	5.98	14.08	4.08	12.08	2-2154857-2
CREE CXA1830	17.85 X 17.85	5.98	14.08	4.08	12.08	2-2154857-1
CREE CXA25XX	23.85 X 23.85	8.98	17.08	7.08	15.08	2-2154857-2
CREE CXA30XX	27.35 X 27.35	10.73	18.83	8.83	16.83	2-2154857-2
CREE CXA3590	34.85 X 34.85	14.48	22.58	12.58	20.58	2-2154857-3
EDISON-OPTO 2PHM09X	13.5 X 13.5	3.80	11.90	1.90	9.90	2-2154857-1
EDISON-OPTO 2PHM30X	19.0 X 19.0	6.55	14.65	4.65	12.65	2-2154857-1
LG INNOTEK 10,13,17,24W LEMWM	24.4 X 18.0	9.25	14.15	4.15	15.35	2-2154857-2
NICHIA COB L SERIES	19.0 X 16.0	6.55	13.15	3.15	12.65	2-2154857-1
NICHIA COB-J360	24.0 X 19.0	9.05	14.65	4.65	15.15	2-2154857-1
OSRAM GW KAJ	30.0 X 30.0	12.05	20.15	10.15	18.15	3-2154857-3
PHILIPS 1203	19.0 X 16.0	6.55	13.15	3.15	12.65	2-2154857-2
PHILIPS 1204,1205,1208	24.0 X 20.0	9.05	15.15	5.15	15.15	2-2154857-3
SAMSUNG LC013B	17.0 X 17.0	5.55	13.65	3.65	11.65	2-2154857-3
SAMSUNG LC026B,LC040B	21.5 X 21.5	7.80	15.90	5.90	13.90	2-2154857-3
SHARP MINI-ZENIGATA △8	15.0 X 12.0	4.55	11.15	1.15	10.65	2-2154857-1
SHARP MEGA-ZENIGATA △8	24.0 X 20.0	9.05	15.15	5.15	15.15	2-2154857-3
SEOUL SEMI SBWW1F1A	13.25 X 13.25	3.68	11.78	1.78	9.78	2-2154857-1
SEOUL SEMI SBWW2F1A	17.75 X 17.75	5.93	14.03	4.03	12.03	2-2154857-2

DRILL AND TAP FOR M3
OR #4 MOUNTING
HARDWARE 2 PLACES

DRILL Ø2.75±0.05
FOR ALIGNMENT POST
2 PLACES

DIM "E"±0.05

DIM "F"±0.05

CENTER OF LED
PACKAGE

DIM "C"±0.05

DIM "F"±0.05

DIM "E"±0.05

DIM "D"±0.05

DIM "C"±0.05

DIM "D"±0.05

DIM "E"±0.05

DIM "D"±0.05

RECOMMENDED MOUNTING HOLE PATTERN

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±-
1 PLC ±0.2
2 PLC ±0.13
3 PLC ±0.001
4 PLC ±0.0001
ANGLES ±2
FINISH

DWN M. MOSTOLLER 16MAR2012

CHK M. MOSTOLLER 16MAR2012

APVD M. MOSTOLLER 16MAR2012

PRODUCT SPEC 108-133005

APPLICATION SPEC 114-32043

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME TWO PIECE ASSEMBLY
LUMAWISE LED HOLDER, SCALABLE
-

SIZE A2

CAGE CODE 00779

DRAWING NO C-2154857

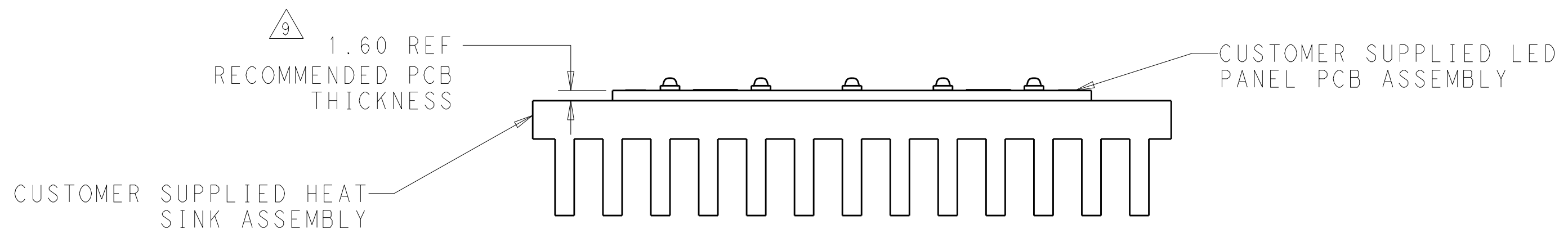
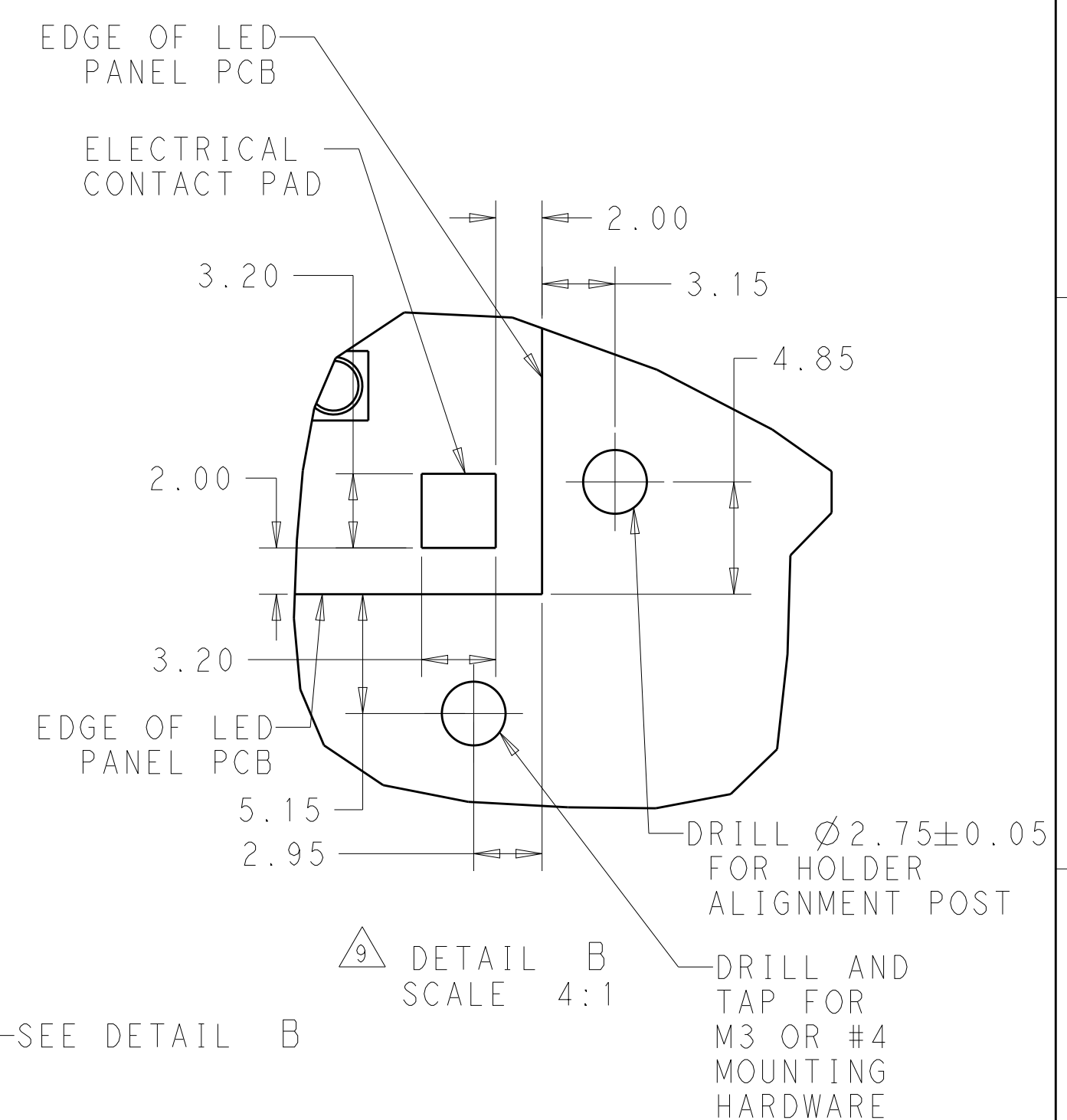
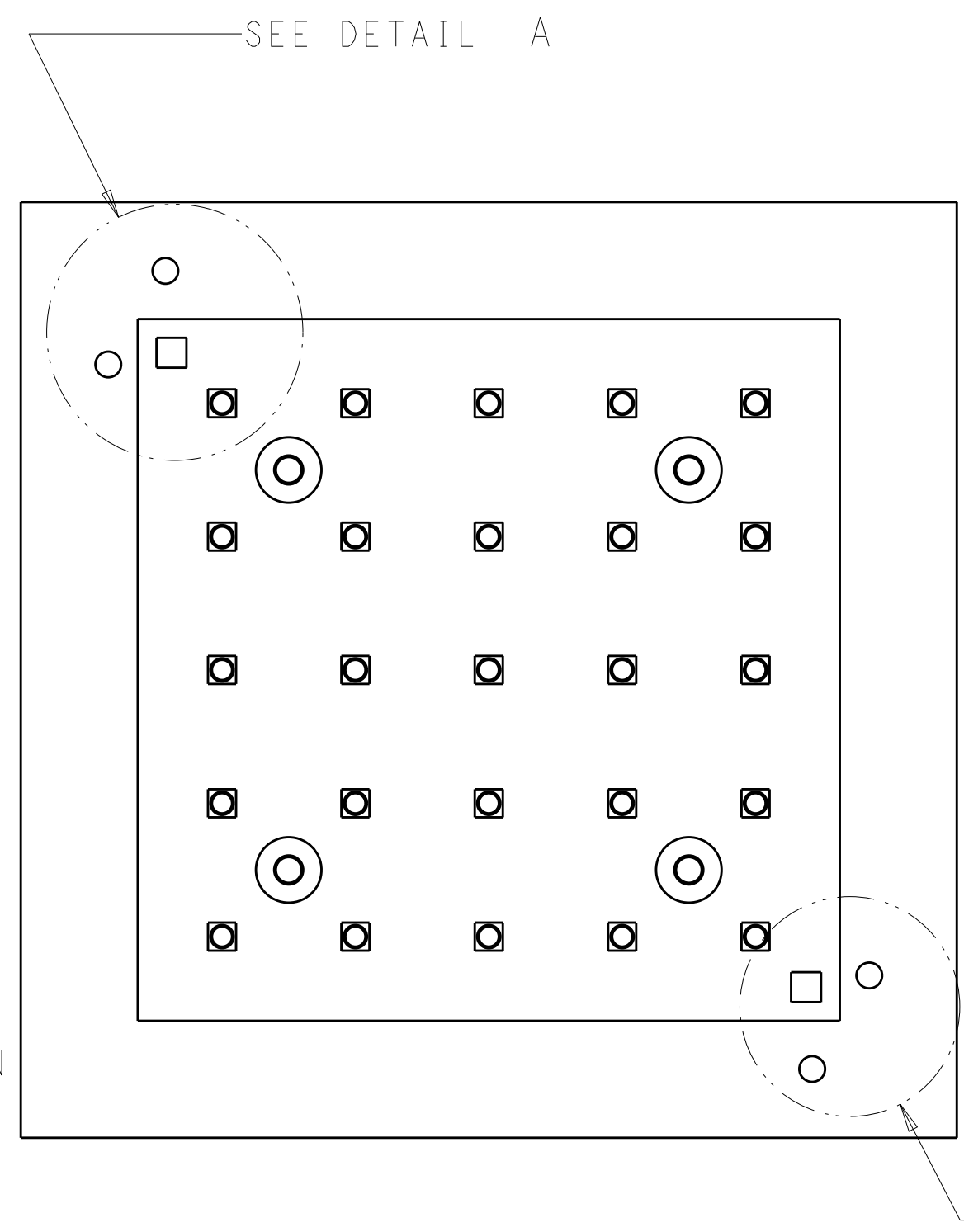
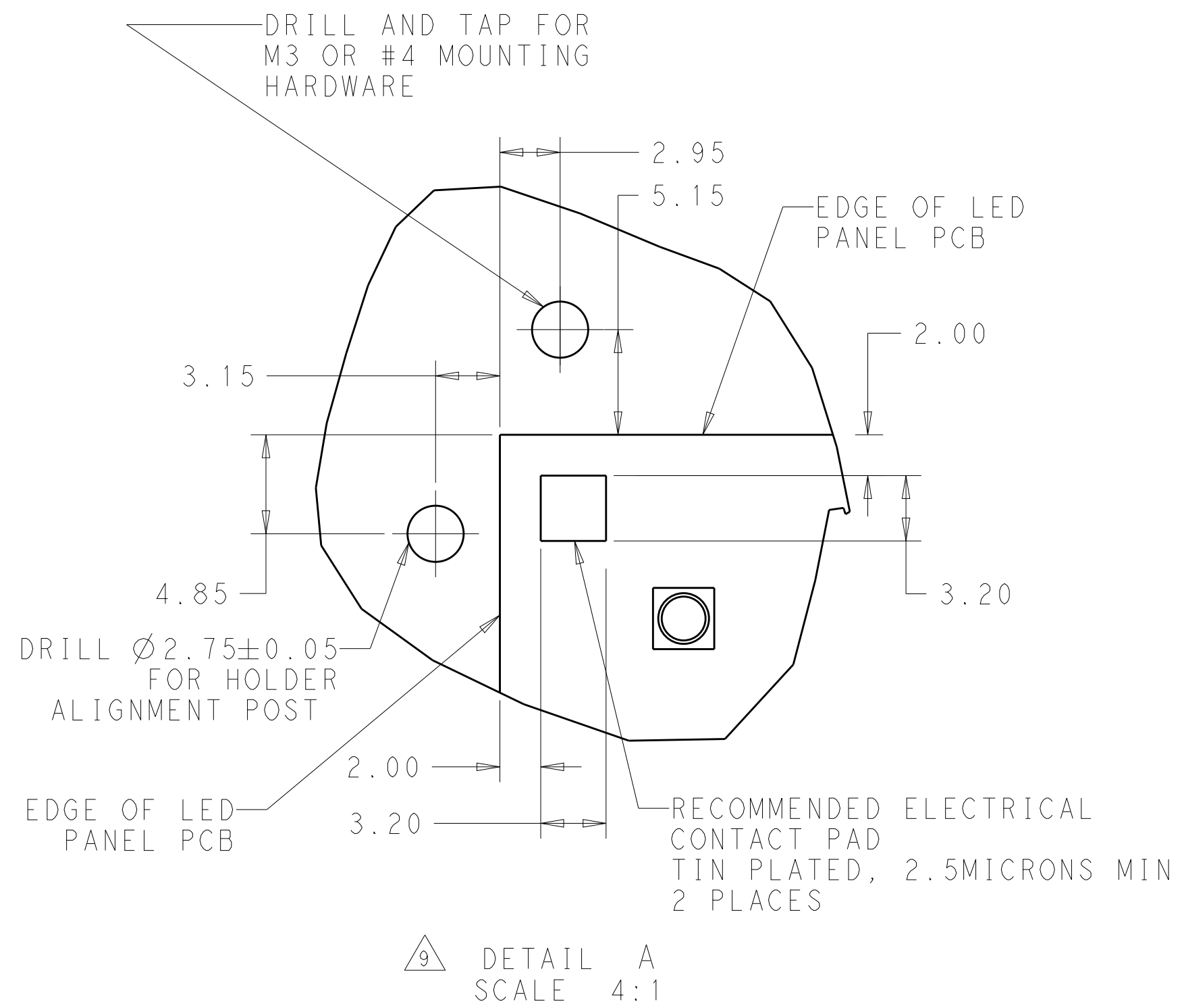
RESTRICTED TO -

SCALE 6:1 SHEET 2 OF 3 REV 10

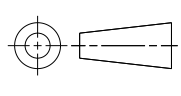
1471-9 (3/11)

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	



9 APPLICATION NOTE: IN ADDITION TO USE WITH COB LEDS THE SCALABLE LED HOLDER CAN BE UTILIZED TO MAKE AN ELECTRICAL CONNECTION TO FR4 OR IMS PCB ASSEMBLIES. RECOMMENDED DIMENSIONAL INFORMATION FOR THIS TYPE OF APPLICATION IS SHOWN IN THE DRAWING VIEWS ABOVE.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 16MAR2012 M. MOSTOLLER	 TE Connectivity			
DIMENSIONS:		CHK 16MAR2012 M. MOSTOLLER				
mm		APVD 16MAR2012	NAME TWO PIECE ASSEMBLY LUMAWISE LED HOLDER, SCALABLE			
		PRODUCT SPEC	108-133005			
		APPLICATION SPEC	114-32043			
MATERIAL		WEIGHT	A200779C-2154857			
		CUSTOMER DRAWING	SCALE 6:1 SHEET 3 OF 3 REV 10			