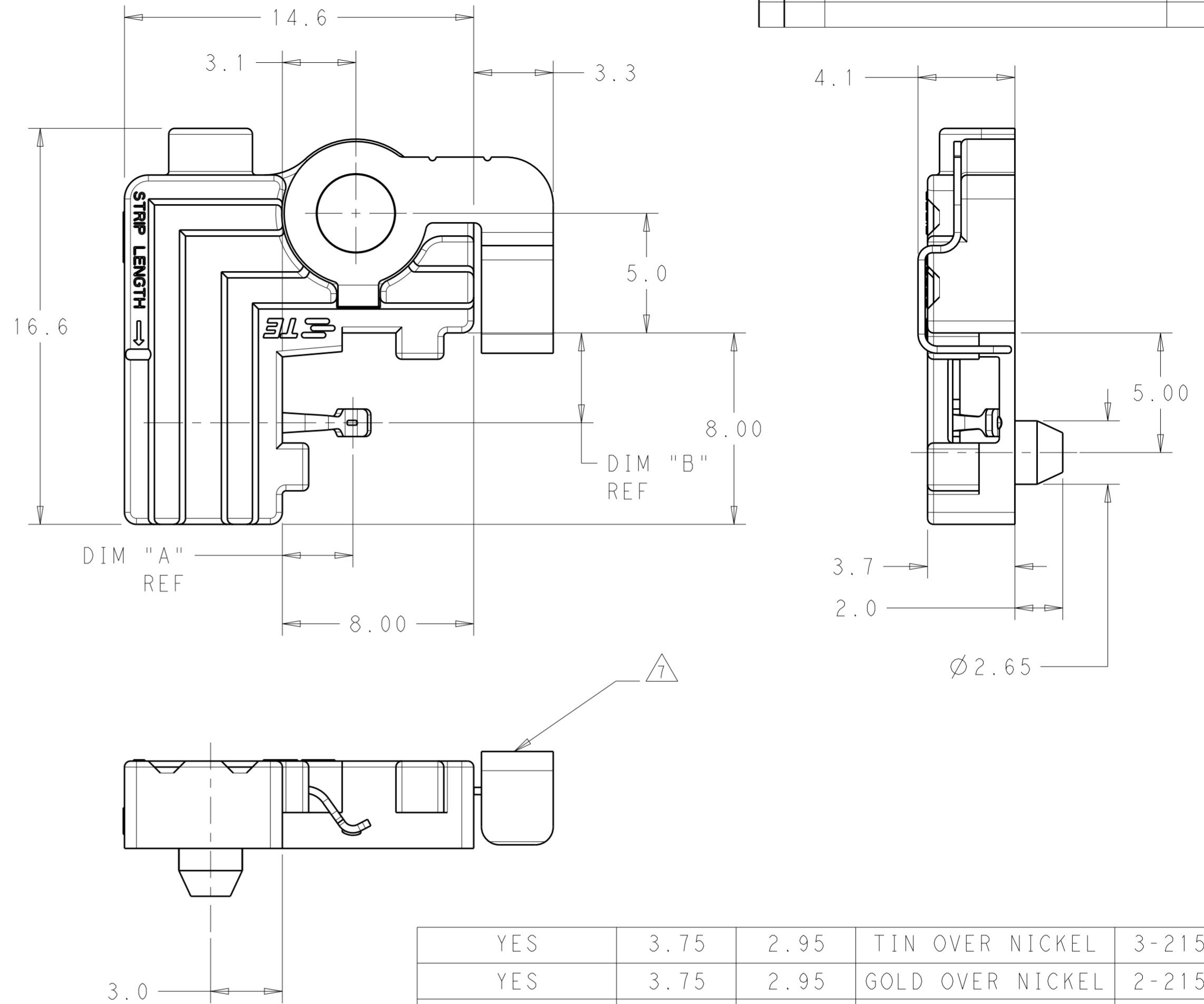


THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20  
 © COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
	A	REVISED PER ECR-15-007373	31JUL2015	RS	DD		
	A1	REVISED PER ECR-18-010414	11JUL2018	SR	DD		
	A2	REVISED PER ECR-18-012133	01AUG2018	SR	DD		

NOTES:

- 1 MATERIALS AND FINISH:  
 -HOUSING: PBT-GF, COLOR: NATURAL  
 -CONTACTS: COPPER ALLOY  
 FINISH: SEE TABLE  
 -THERMAL SPRING: STAINLESS STEEL
- 2. MUST COMPLY WITH DIRECTIVE 2002/95/EC (ROHS)
- 3 REFER TO LED MANUFACTURER'S DATASHEET FOR LED DIMENSIONS
- 4. REFER TO LED DATASHEET FOR RECOMMENDED THERMAL INTERFACE MATERIALS
- 5. RECOMMENDED SCREW SIZE: M3 OR #4.  
 TORQUE SCREWS TO 2.5 in-lbf TO 4.0 in-lbf
- 6. WIRE TYPES AND SIZES ACCEPTED  
 18, 20 AND 22 AWG SOLID WIRE  
 18 AND 20 AWG PREBOND STRANDED WIRE  
 18 AWG STRANDED WIRE (16 STRAND COUNT)  
 MAX INSULATION OD: 2.10 MM  
 STRIP LENGTH: 7.5±1.0
- 7 IN APPLICATIONS WHERE THE LED SUBSTRATE IS LESS THAN 1.50MM THICK A THERMAL SPRING IS REQUIRED. AS NOTED IN THE TABLE THE THERMAL SPRINGS WILL BE INSTALLED PRIOR TO SHIPMENT FROM THE TE FACTORY.
- 8 REQUIRES THE USE OF LED WITH GOLD PLATED PADS
- 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.
- 10 IN APPLICATIONS WHERE THE LED SUBSTRATE IS LESS THAN 1.50MM THICK AND A THERMAL SPRING IS NOT USED IT IS THE RESPONSIBILITY OF THE END USER TO ENSURE THAT ADEQUATE SYSTEM THERMAL PERFORMANCE IS ACHIEVED. THE LED HOLDER ALONE WILL NOT PROVIDE ENOUGH FORCE BY ITSELF TO GENERATE A RELIABLE AND STABLE THERMAL SOLUTION FOR THE LED.



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
NO	3.75	2.95	GOLD OVER NICKEL	2154857-3
THERMAL SPRING	DIM "B"	DIM "A"	CONTACT PLATING	PART NUMBER

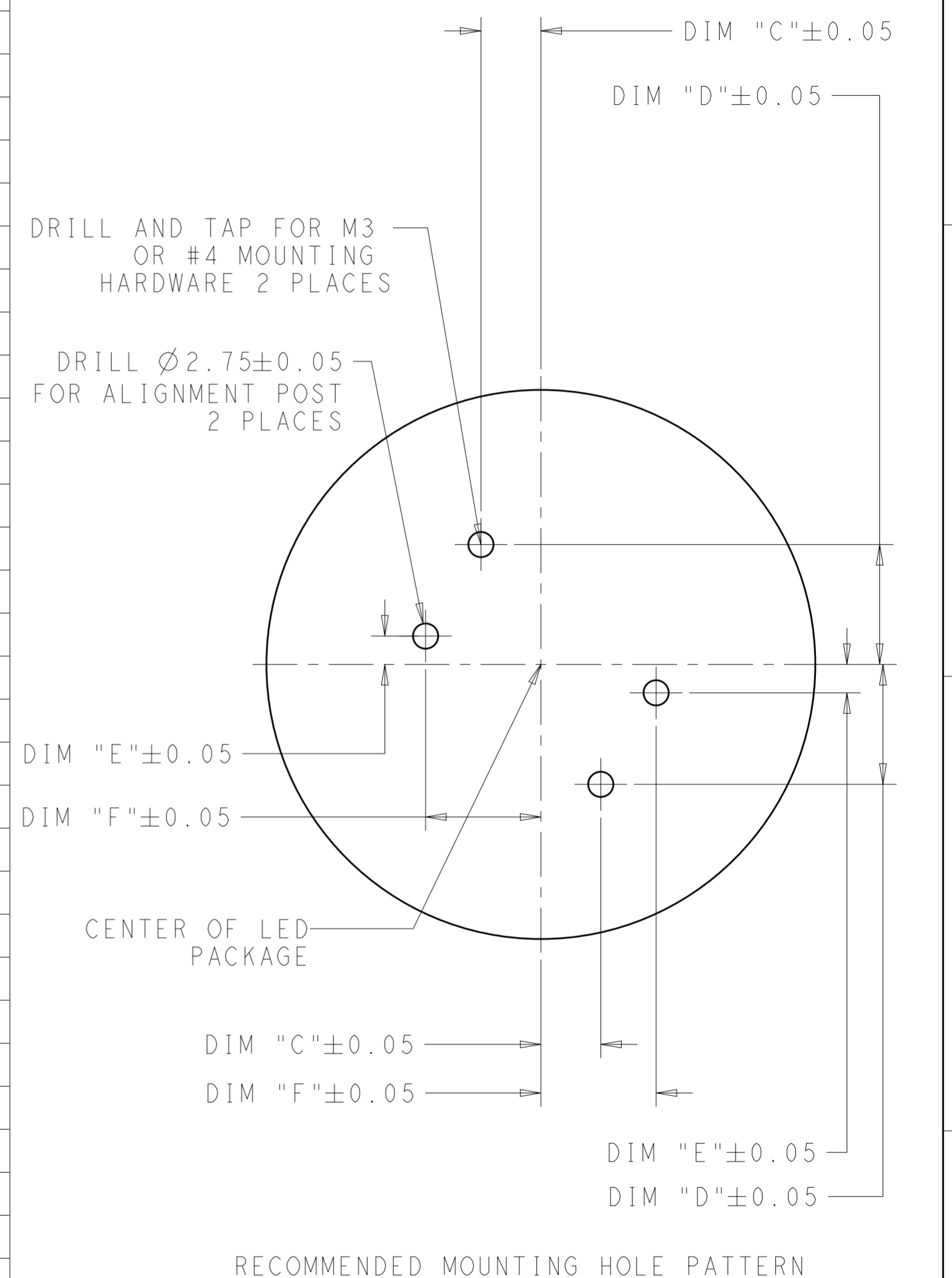
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN	16MAR2012	TE Connectivity
mm	0 PLC ±	CHK	16MAR2012	
	1 PLC ±0.2	APVD	16MAR2012	
	2 PLC ±0.13	PRODUCT SPEC	108-133005	
	3 PLC ±0.001	APPLICATION SPEC	114-32043	NAME
	4 PLC ±0.0001	WEIGHT	-	TWO PIECE ASSEMBLY LUMAWISE LED HOLDER, SCALABLE
MATERIAL	FINISH	Customer Drawing	SCALE 6:1	SIZE
			SHEET 1 OF 3	CAGE CODE
			REV A2	DRAWING NO
				RESTRICTED TO

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	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
BRIDGELUX V10	15.8 X 15.80	4.95	13.05	3.05	11.05	2-2154857-1
BRIDGELUX V15	21.0 X 21.0	7.55	15.65	5.65	13.65	2-2154857-1
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/CXB13XX	13.35 X 13.35	3.73	11.83	1.83	9.83	2-2154857-2
CREE CXA15XX/CXB15XX	15.85 X 15.85	4.98	13.08	3.08	11.08	2-2154857-2
CREE CXA1816/CXB1816	17.85 X 17.85	5.98	14.08	4.08	12.08	2-2154857-2
CREE CXB1820	17.85 X 17.85	5.98	14.08	4.08	12.08	2-2154857-2
CREE CXA1830/CXB1830	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	2154857-3 $\triangle$
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
SAMSUNG LC040D,LC060D,LC080D	28 X 28	11.05	19.15	9.15	17.15	2-2154857-2
SHARP MINI-ZENIGATA $\triangle$	15.0 X 12.0	4.55	11.15	1.15	10.65	2-2154857-1
SHARP MEGA-ZENIGATA $\triangle$	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



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN	M. MOSTOLLER	16MAR2012
mm	0 PLC $\pm$	CHK	M. MOSTOLLER	16MAR2012
	1 PLC $\pm 0.2$	APVD	M. MOSTOLLER	16MAR2012
	2 PLC $\pm 0.13$	PRODUCT SPEC	108-133005	
	3 PLC $\pm 0.001$	APPLICATION SPEC	114-32043	
	4 PLC $\pm 0.0001$	WEIGHT	-	
MATERIAL	FINISH	Customer Drawing		

STE TE Connectivity

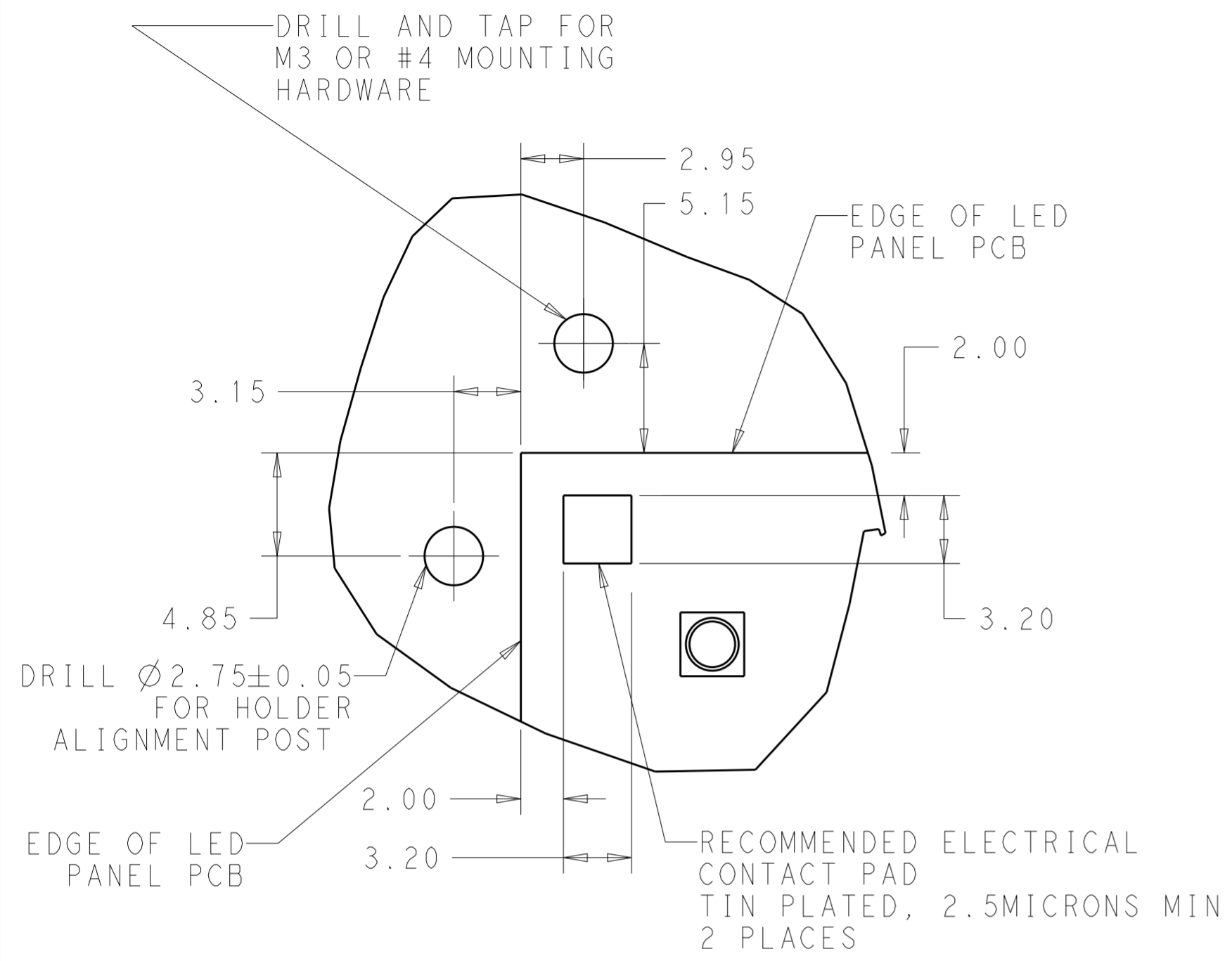
TWO PIECE ASSEMBLY LUMAWISE LED HOLDER, SCALABLE

SIZE: A2 CAGE CODE: 00779 DRAWING NO: C-2154857

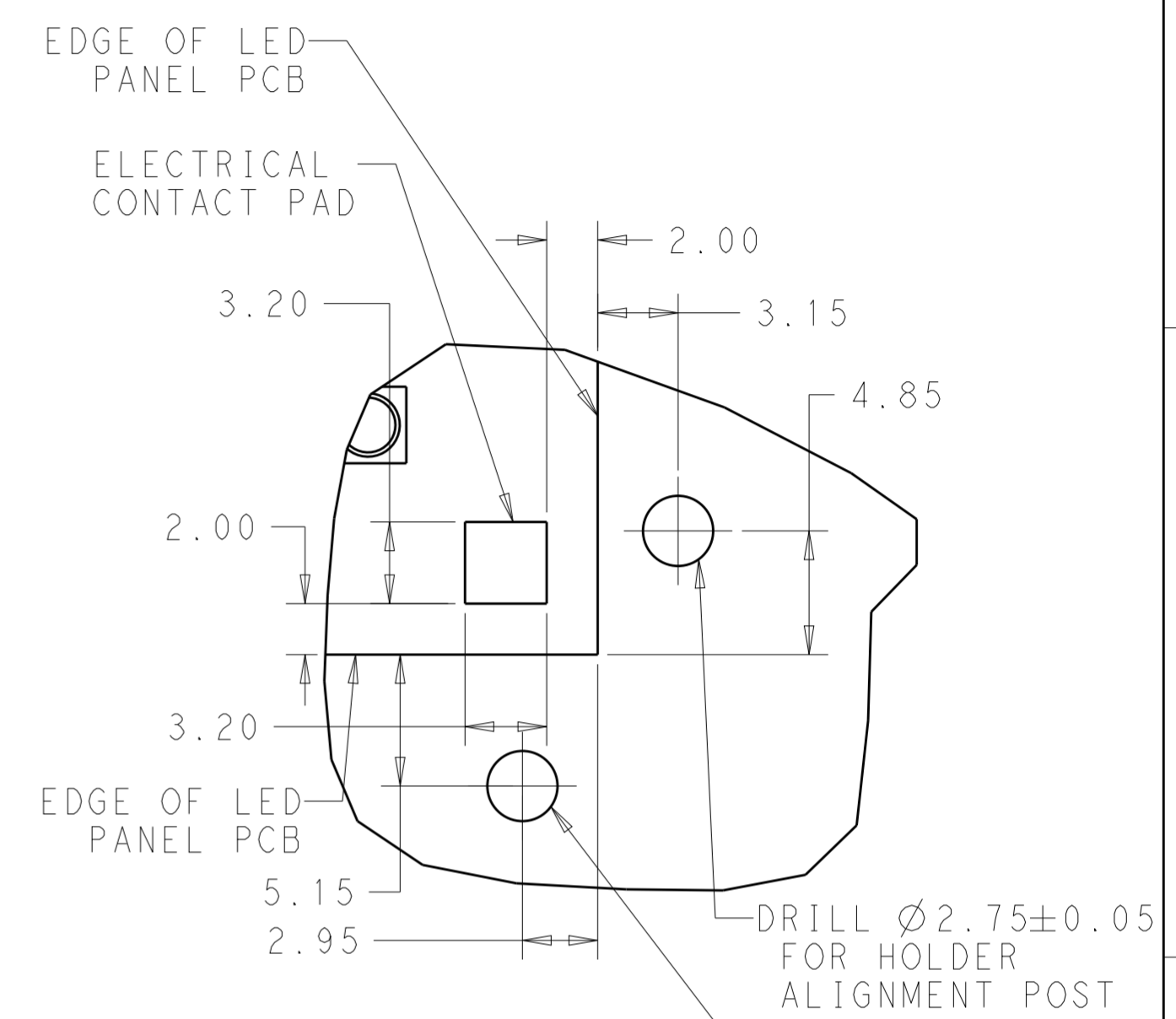
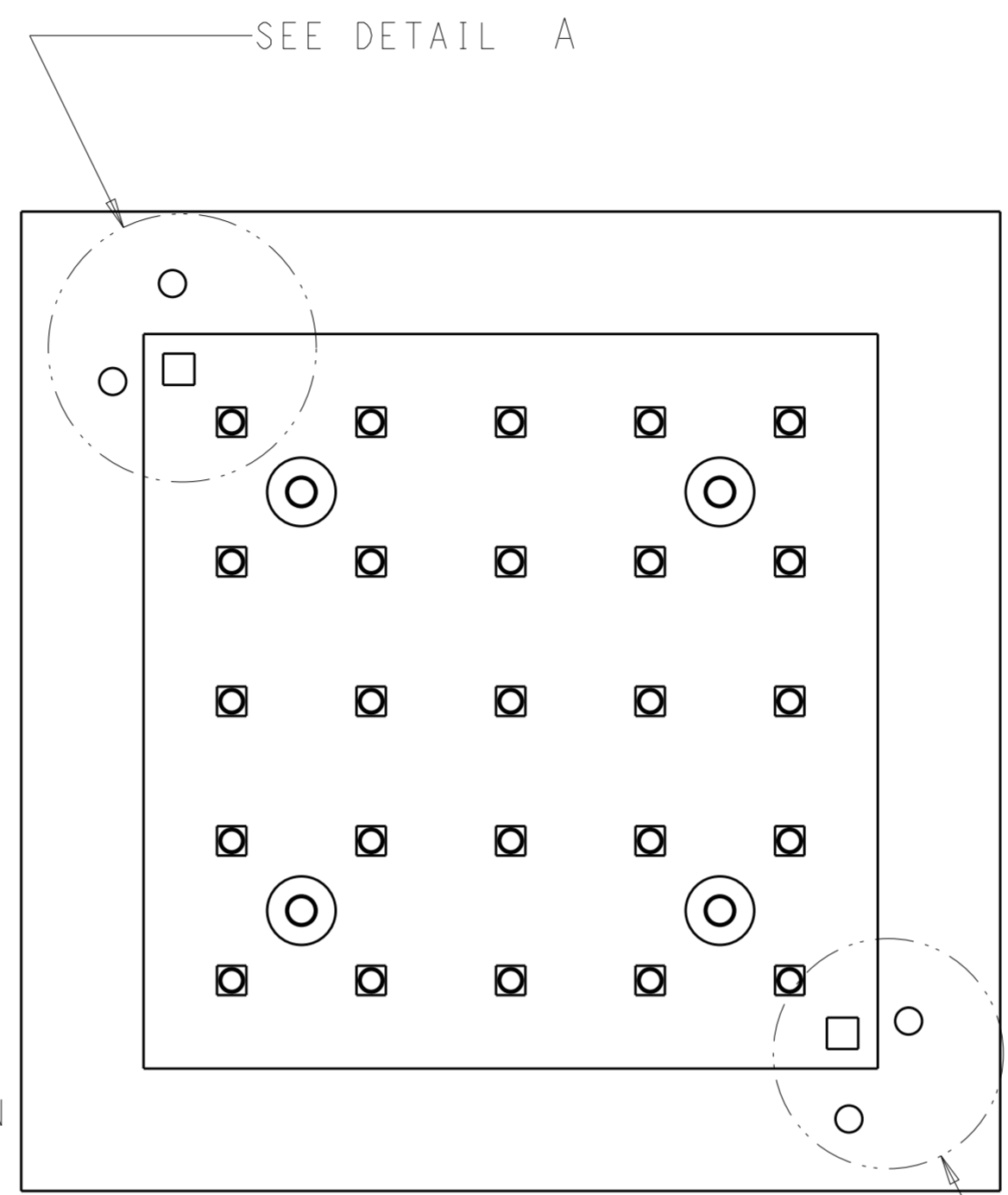
SCALE: 6:1 SHEET 2 OF 3 REV A2

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	-	-	-		

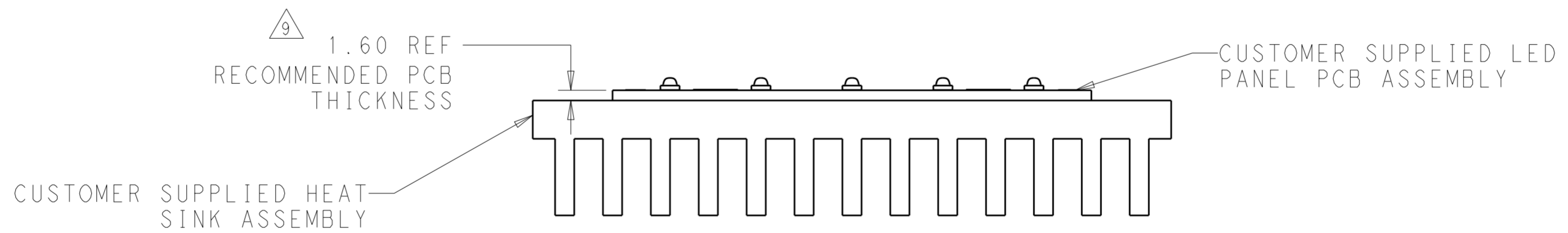


9 DETAIL A SCALE 4:1



9 DETAIL B SCALE 4:1

SEE DETAIL B



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 M. MOSTOLLER 16MAR2012	TE Connectivity	
		CHK M. MOSTOLLER 16MAR2012		
		APVD M. MOSTOLLER 16MAR2012	NAME TWO PIECE ASSEMBLY LUMAWISE LED HOLDER, SCALABLE	
DIMENSIONS: mm		PRODUCT SPEC 108-133005	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC 114-32043	A200779 C-2154857	
MATERIAL		WEIGHT	SCALE 6:1 SHEET 3 OF 3 REV A2	
		Customer Drawing		

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: [org@lifeelectronics.ru](mailto:org@lifeelectronics.ru)