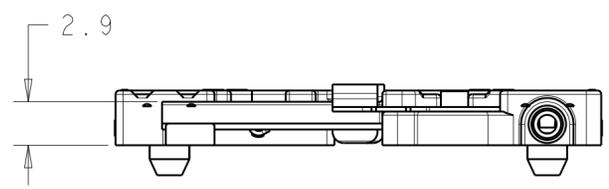
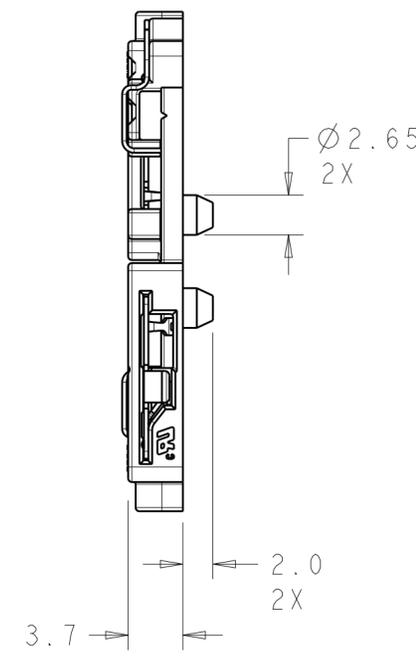
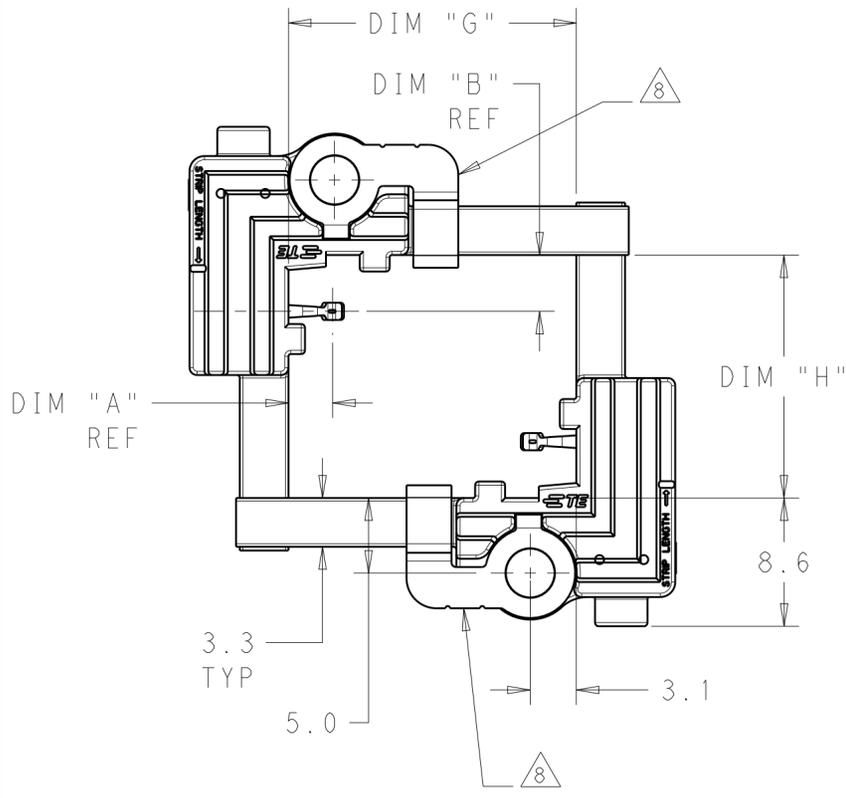


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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
	4	UPDATED	07DEC2012	MM	MM		



- 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. THIS PRODUCT HAS NOT COMPLETED VALIDATION TESTING
- 4. REFER TO LED MANUFACTURER'S DATASHEET FOR LED DIMENSIONS
- 5. REFER TO LED DATASHEET FOR RECOMMENDED THERMAL INTERFACE MATERIALS
- 6. RECOMMENDED SCREW SIZE: M3 OR #4. TORQUE SCREWS TO 2.5 in-lbf TO 4.0 in-lbf
- 7. 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: 8.0±1.0
- 8. 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.

CITIZEN CLL050	YES	38.30	38.30	2.26	2.00	GOLD OVER NICKEL	6-2154874-4
CITIZEN CLL040	YES	28.30	28.30	2.26	2.00	GOLD OVER NICKEL	6-2154874-3
CITIZEN CLL030	YES	19.30	19.30	1.85	1.55	GOLD OVER NICKEL	6-2154874-2
CITIZEN CLL020	YES	13.80	13.80	1.85	1.55	GOLD OVER NICKEL	6-2154874-1
CREE CXA25XX	YES	24.15	24.15	2.26	2.00	GOLD OVER NICKEL	5-2154874-3
CREE CXA15XX	YES	16.15	16.15	2.26	2.00	GOLD OVER NICKEL	5-2154874-2
CREE CXA2011	NO	22.30	22.30	3.75	2.95	TIN OVER NICKEL	5-2154874-1
LED MFG AND MODEL	8 THERMAL SPRING	DIM H	DIM G	DIM B	DIM A	CONTACT PLATING	PART NUMBER

THIS PRINT IS  
**PRELIMINARY**  
 UNQUALIFIED PRODUCT CONTACT PRODUCT ENGINEERING BEFORE USING THIS PRINT

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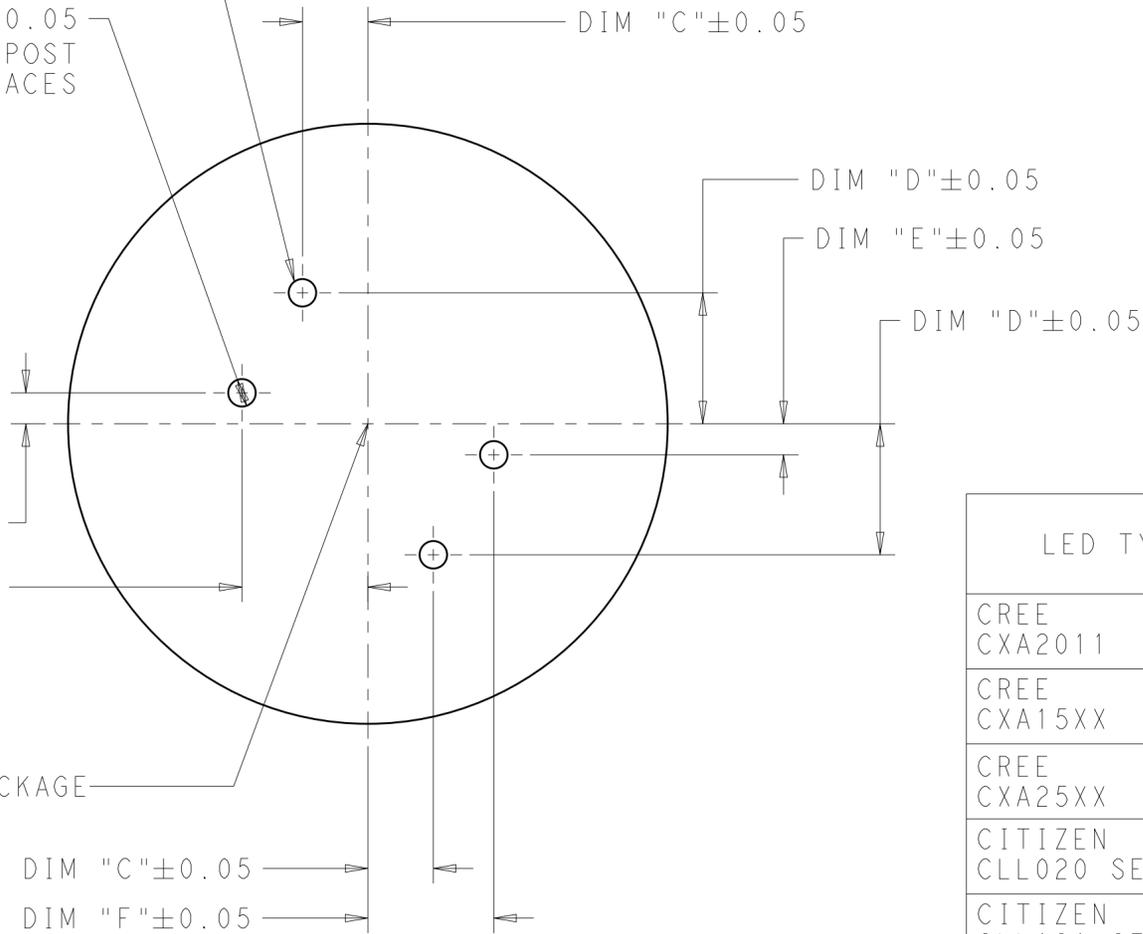
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN M. MOSTOLLER 22MAR2012	TE Connectivity ONE PIECE ASSEMBLY SCALABLE LED SOCKET
0 PLC ±	1 PLC ±0.2	CHK M. MOSTOLLER 22MAR2012	
2 PLC ±0.13	3 PLC ±0.013	APVD M. MOSTOLLER 22MAR2012	
4 PLC ±0.0001	ANGLES ±	FINISH	
MATERIAL		PRODUCT SPEC 108-133005	NAME
		APPLICATION SPEC 114-32043	SIZE CAGE CODE DRAWING NO
		WEIGHT	A200779 C-2154874
		CUSTOMER DRAWING	RESTRICTED TO
		SCALE 1:1	SHEET 1 OF 2 REV 4

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

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

DRILL  $\varnothing 2.75 \pm 0.05$   
FOR ALIGNMENT POST  
2 PLACES



CENTER OF LED PACKAGE

RECOMMENDED MOUNTING HOLE PATTERN

LED TYPE	LED DIMENSION $\triangle 4$	DIM "C"	DIM "D"	DIM "E"	DIM "F"	RECOMMENED SOCKET PART NUMBER
CREE CXA2011	22.0 X 22.0	8.05	16.15	6.15	14.15	5-2154874-1
CREE CXA15XX	15.85 X 15.85	4.98	13.08	3.08	11.08	5-2154874-2
CREE CXA25XX	23.85 X 23.85	8.98	17.08	7.08	15.08	5-2154874-3
CITIZEN CLL020 SERIES	13.5 X 13.5	3.80	11.90	1.90	9.90	6-2154874-1
CITIZEN CLL030 SERIES	19.0 X 19.0	6.55	14.65	4.65	12.65	6-2154874-2
CITIZEN CLL040 SERIES	28.0 X 28.0	11.05	19.15	9.15	17.15	6-2154874-3
CITIZEN CLL050 SERIES	38.0 X 38.0	16.05	24.15	14.15	22.15	6-2154874-4

\*\*\*\* OTHER LED MODELS POSSIBLE AND REVIEWED UPON REQUEST \*\*\*\*

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DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.2 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ± FINISH	DWN 22MAR2012 M. MOSTOLLER CHK 22MAR2012 M. MOSTOLLER APVD 22MAR2012	TE Connectivity ONE PIECE ASSEMBLY SCALABLE LED SOCKET
MATERIAL		PRODUCT SPEC 108-133005 APPLICATION SPEC 114-32043	SIZE CAGE CODE DRAWING NO RESTRICTED TO A200779 C-2154874 -
		WEIGHT -	SCALE 2:1 SHEET 2 OF 2 REV 4

CUSTOMER DRAWING