Excellent Integrated System Limited

Stocking Distributor

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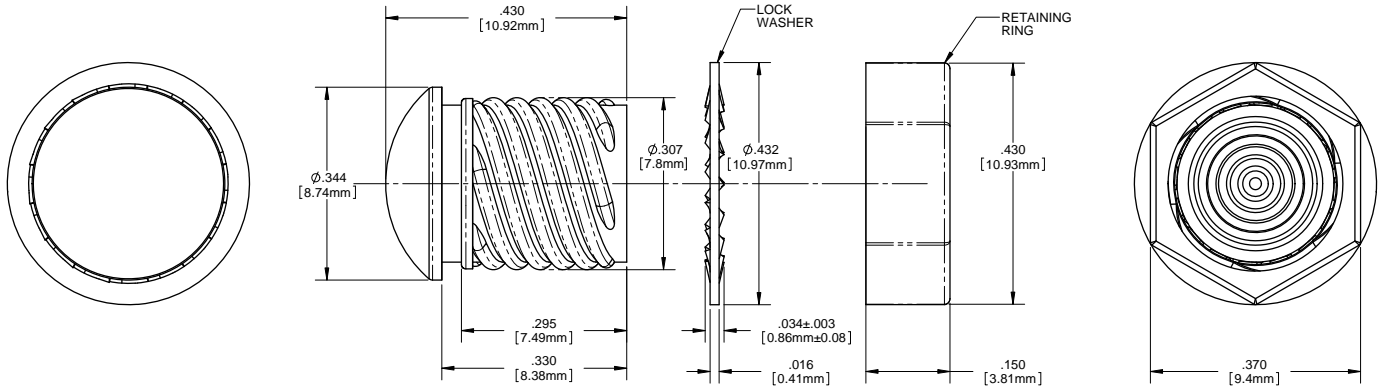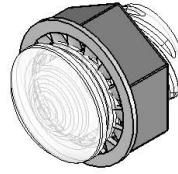[Visual Communications Company, LLC](#)
[CMC_441_ATP](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

NOTES:
1. MOUNTING: Mounts in a Ø.312±.002 [Ø7.92mm±.05] panel hole on .500 [12.7mm] centers. Panel thickness .031 [.8mm] to .125 [3.18mm]. Panel hole should be deburred, but not chamfered.
2. ASSEMBLY: Insert lens through panel hole, slide lock washer onto lens barrel and twist on retaining ring. PCB mounted LEDs slide into lens when the panel cover is closed or the PCB card is inserted into the case.
3. MATERIAL: Lens-Polycarbonate, UL 94-V2
   Lock Washer- FH Steel, Nickel plate
   Retaining ring - Thermoplastic, U.L. 94 V0 Rated
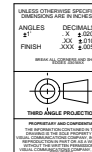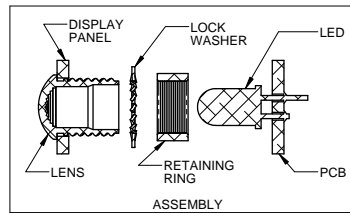4. U.S. & Foreign Pat. Issued & Pend.

REVISIONS

ECN#	REV.	DESCRIPTION	DATE	INITIALS
	001	REVISED PER ECR111009AZ01	4-23-10	SMU

.430 [10.92mm]

LOCK WASHER

RETAINING RING

Ø.344 [8.74mm]

Ø.307 [7.8mm]

Ø.432 [10.97mm]

.430 [10.93mm]

.295 [7.49mm]

.330 [8.38mm]

.034±.003 [0.86mm±0.08]

.016 [0.41mm]

.150 [3.81mm]

.370 [9.4mm]

ORDERING CODE : **CMC 441 XXX**

MODEL

LENS COLOR	
RTP	RED TRANSPARENT
ATP	AMBER TRANSPARENT
GTP	GREEN TRANSPARENT
BTP	BLUE TRANSPARENT
YTP	YELLOW TRANSPARENT
CTP	CLEAR TRANSPARENT

DISPLAY PANEL
LOCK WASHER
LED
LENS
RETAINING RING
PCB
ASSEMBLY

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

ANGLES ±1°
DECIMALS
.X ±.020
.XX ±.010
.XXX ±.005

FINISH

BREAK ALL CORNERS AND SHARP EDGES

THIRD ANGLE PROJECTION

MATERIAL
SEE NOTES

FINISH
SEE NOTES

APPROVAL | DATE
DRAWN: SMU 4-23-10
CHECKED: DZ 4-23-10
DO NOT SCALE DRAWING

VISUAL COMMUNICATIONS COMPANY, INC.
190 Bosstick Boulevard, Suite101 San Marcos, CA 92069 USA
Phone (760) 560-1300 Fax (760) 560-1301 email vccsales@vcclite.com

TITLE: 5MM ROUND STANDARD THREADED FRESNEL LENS

SIZE B | DWG. NO. CMC 441 XXX | REV 001

SCALE: 4:1 | SHEET 1 OF 1