

PRODUCT CHANGE NOTIFICATION

PCN Number: 661

Date of Issue:	05/23/2023
PCN Effective Date:	05/23/2023
Last Time Buy Date:	-
Last Time Ship Date:	-
Type of Change:	Eng. dwg update for HMC & HMS series
Title of Change:	Retainer ring, sub-component change.
Description and Reason for Change:	Sub-component change. Retainer Ring: from RNG_461(round) to RTN_714 (winged).

Mario Davila

Product Manager: **M. Davila**

AFFECTED PART NUMBER(S)				
Manufacturer Part Number (MPN)	Description	Discontinued per PCN	Suggested Alternative Part Number(s)	Description of the Alternative Number
HMC_461_ATP	PLC Lens 10mm 0.562" Round Fresnel Amber	NO	-	-
HMC_461_BTP	PLC Lens 10mm 0.562" Round Fresnel Blue	NO	-	-
HMC_461_CTP	PLC Lens 10mm 0.562" Round Fresnel Clear	NO	-	-
HMC_461_GLO	10MM THREADED LENS ASSEM./GLO	NO	-	-
HMC_461_GTP	PLC Lens 10mm 0.562" Round Fresnel Green	NO	-	-
HMC_461_RTP	PLC Lens 10mm 0.562" Round Fresnel Red	NO	-	-
HMC_461_YTP	PLC Lens 10mm 0.562" RND Fresnel Yellow	NO	-	-

HMS_462_ATP	PLC Lens 10mm .562" RND Fresnel Amber WT	NO	-	-
HMS_462_BTP	PLC Lens 10mm .562" RND Fresnel Blue WT	NO	-	-
HMS_462_CTP	PLC Lens 10mm .562" RND Fresnel Clear WT	NO	-	-
HMS_462_GTP	PLC Lens 10mm .562" RND Fresnel Green WT	NO	-	-
HMS_462_RTP	PLC Lens 10mm .562" RND Fresnel Red WT	NO	-	-
HMS_462_YTP	PLC Lens 10mm .562" Fresnel Yellow WT	NO	-	-



[RNG-461]

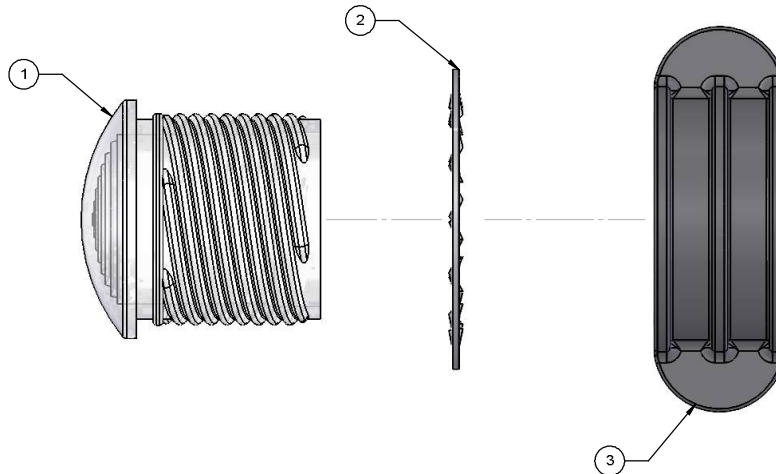


[RTN-714]

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| SCALE: 4:1 | SHEET 1 OF 4 |
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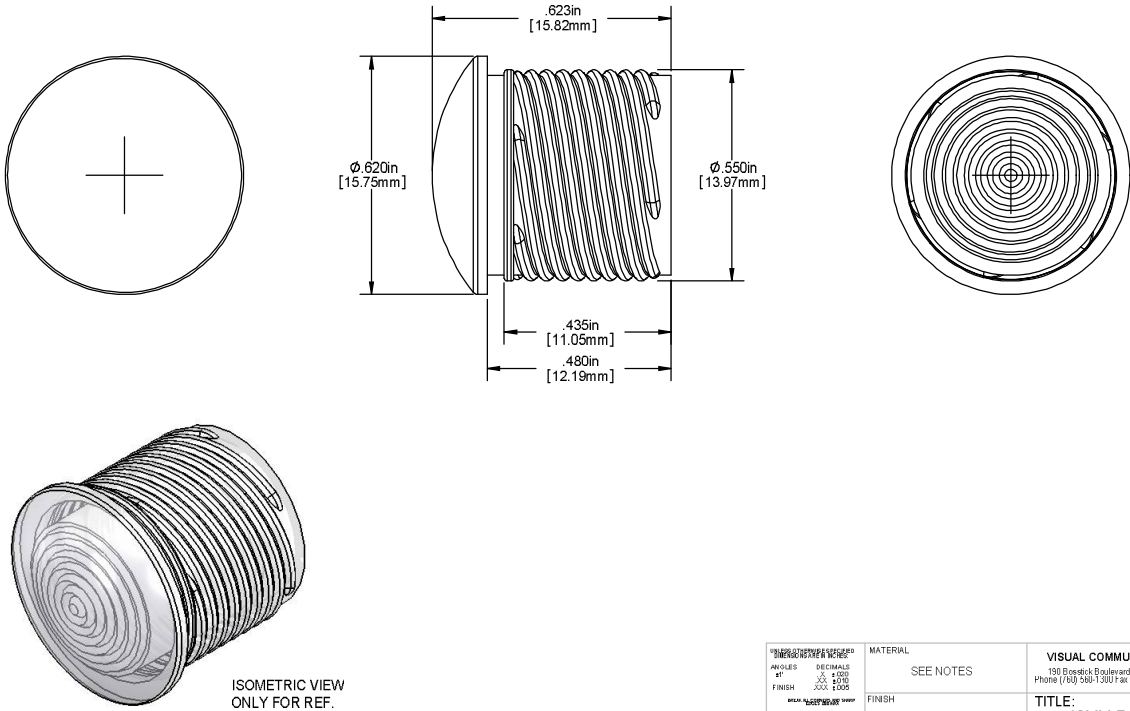
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	461_XXX	10MM STANDARD THREADED FRESNEL LENS	1
2	HLW_461	10mm LOCKWASHER	1
3	RTN_714	NUT, RETAINING 14MM	1

		2		1	
REVISIONS					
ECN #	REV	DESCRIPTION		DATE	INITIALS
		SEE SHEET 1			

[illegible]

NOTES:
USE FOR REFERENCE ONLY

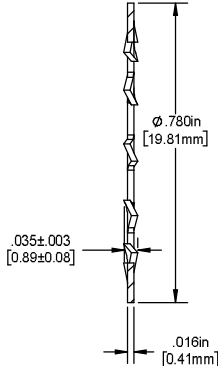
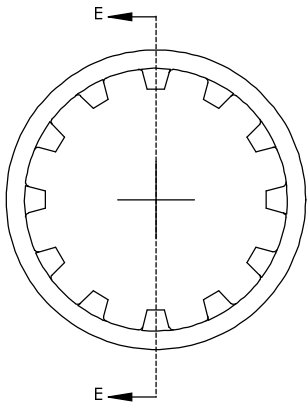
EON #		REV	DESCRIPTION	DATE	INITIALS
			SEE NOTES		



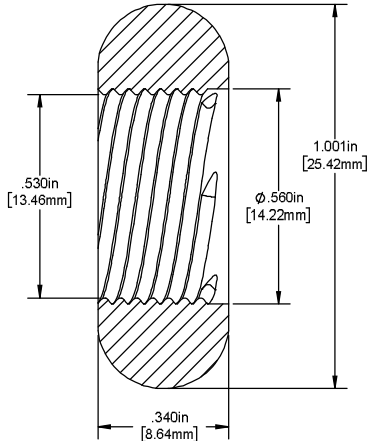
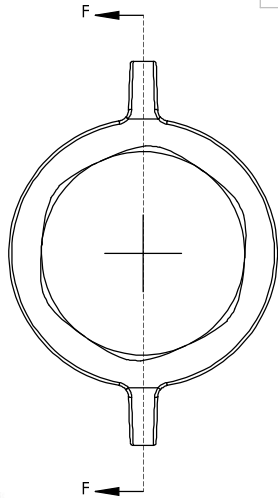
VISUAL COMMUNICATIONS COMPANY, INC. 198 Bessie Dick Boulevard, Suite 101 San Marcos, CA 92069 USA Phone (760) 560-1300 Fax (760) 560-1301 email vccsales@vccille.com	
SEE NOTES	
FINISH	
SEE NOTES	
APPROVAL	
DATE	
DRAWN K Howard 7/7/10	
CHECKED DPZ 7/7/10	
DO NOT SCALE DRAWING	
TITLE: 10MM ROUND STANDARD THREADED FRESNEL LENS	
SIZE DWG. NO. REV	
B HMC 461 XXX_E 002	
SCALE 4:1 SHEET 3 OF 4	

NOTES:
USE FOR REFERENCE ONLY

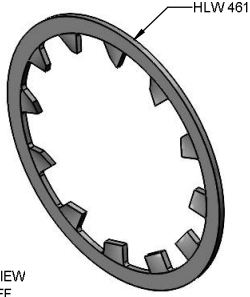
EON #		REV	DESCRIPTION	DATE	INITIALS
			SEE NOTES		



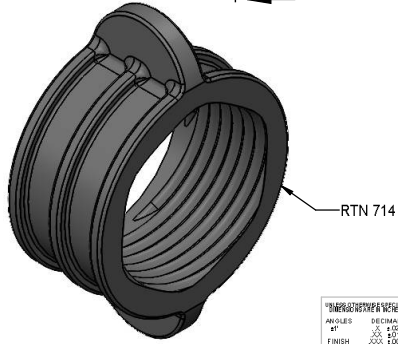
SECTION E-E



SECTION F-F



ISOMETRIC VIEW
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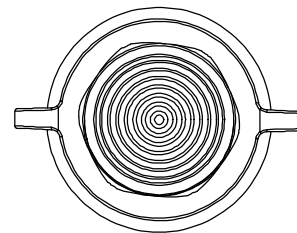
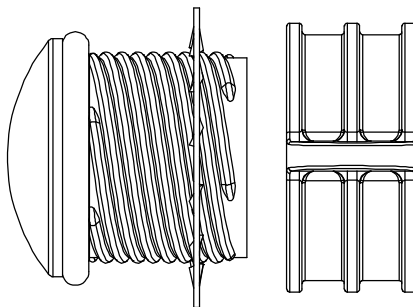
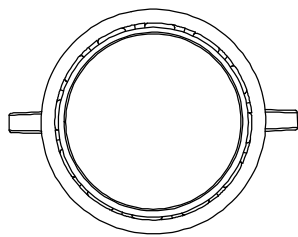
STANDARD SYMBOLS ANGLES: 45° 90° 135° 180° 225° 270° 315° 360° DECIMALS: .1 .2 .3 .4 .5 .6 .7 .8 .9 FINISH: 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. THIRD ANGLE PROJECTION DRAWN BY: K. Howard CHECKED BY: DPZ DATE: 7/7/10 SCALE: 4:1	MATERIAL SEE NOTES FINISH SEE NOTES APPROVAL K. Howard DATE: 7/7/10 CHECKED DPZ DATE: 7/7/10 DU NOT SCALE DRAWING	VISUAL COMMUNICATIONS COMPANY, INC. 198 Bessie Blvd., Suite 101, San Marcos, CA 92069 USA Phone: (760) 566-1300 Fax: (760) 566-1301 email: vccsales@vccille.com TITLE: 10mm LOCKWASHER W/ RETAINING RING NUT SIZE DWG. NO. REV B HMC 461 XXX_E 002 SCALE: 4:1 SHEET 4 OF 4
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NOTES:

1. MOUNTING: MOUNTS IN A $\varnothing .562 \pm .002$ [$\varnothing 16.56\text{mm} \pm .05$] PANEL HOLE ON .750 [19.05mm] CENTERS. PANEL THICKNESS .031 [.8mm] TO .187 [4.75mm]. 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 LED'S 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
SEAL- EPDM
4. SOME PARTS PACKAGED SEPERATELY
5. U.S. & FOREIGN PAT. ISSUED & PEND.



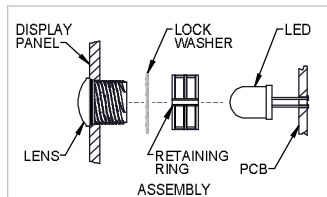
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ORDERING CODE : **HMS 462 XXX**

MODEL

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



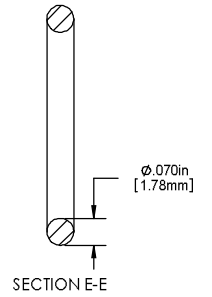
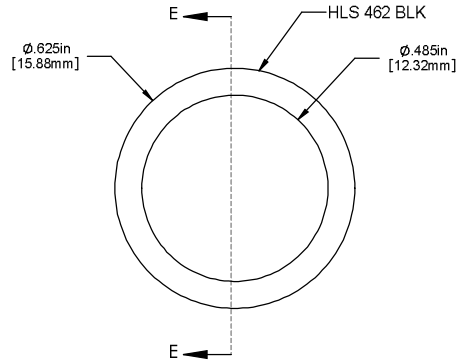
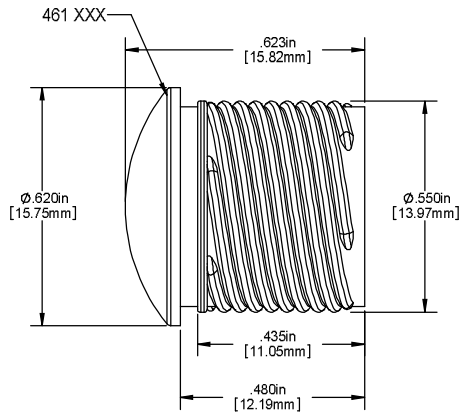
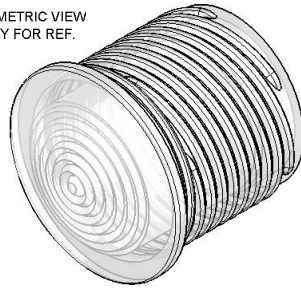
MATERIAL	
INCHES	MILL
1/8	3.175
1/4	6.350
3/8	9.525
1/2	12.700
5/8	15.875
3/4	19.050
7/8	22.225
1	25.400

SEE NOTES	
APPROVAL	DATE
DRAWN	7/7/10
CHECKED	DPZ 7/7/10
U/I NO 1 SCALE DRAWING	

VCC OPTOELECTRONICS	
1924 DOWIE AVE. SUITE 101 SAN MARCO CA 92069 U.S.A. PHONE (760) 540-1350, FAX: (760) 540-1301 EMAIL: vocoder@vccopte.com	
TITLE: CLIPLITE HMS 462 ASSEMBLY	
SIZE	DWG. NO.
B	HMS 462 XXX_E
SCALE 4:1	REV 002
SHEET 1 OF 4	

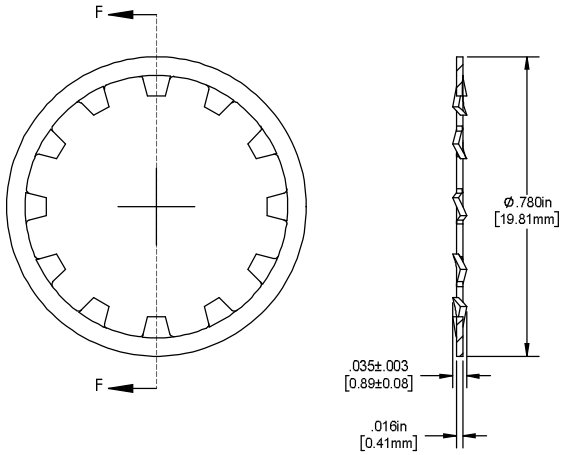
NOTES:
USE FOR REFERENCE ONLY

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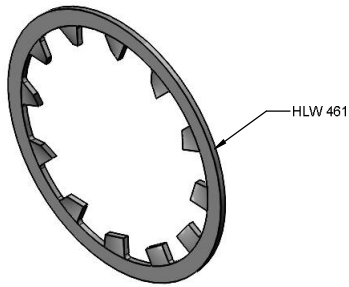


VCC OPTOELECTRONICS 180 N. 1000 ROCK BLVD. SUITE 101 SAN ANTONIO, TX 78208 U.S.A. PHONE (760) 560-1300, FAX: (760) 560-1301 EMAIL: vccsales@vccoptoe.com		TITLE: 10MM STANDARD THREADED FRESNEL LENS W/SEAL	
DRAWN K.Howard 7/7/10 CHECKED DPZ 7/7/10		SIZE DWG. NO. REV B HMS 462 XXX_E 002	
SCALE 4:1		SHEET 3 OF 4	

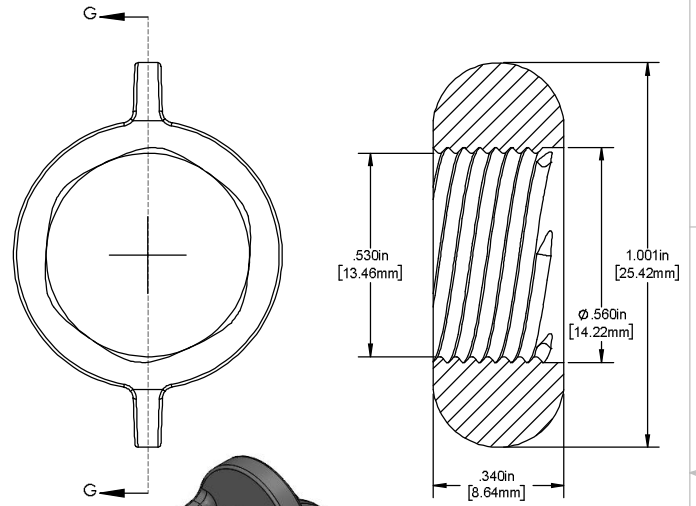
NOTES:
USE FOR REFERENCE ONLY



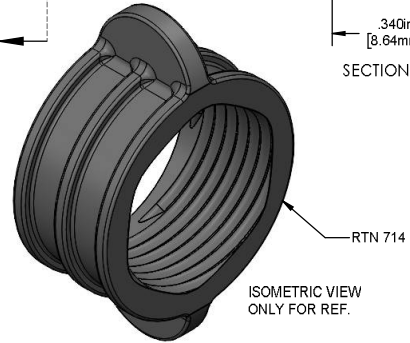
SECTION F-F



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SECTION G-G



ISOMETRIC VIEW
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GENERAL INFORMATION DATE: 11/11/10 DRAWN: K.Howard CHECKED: DPZ APPROVAL: [Signature] MATERIAL: [Blank] FINISH: [Blank]		SEE NOTES		YGG OPTOELECTRONICS 1997 PASTOR AVENUE, SUITE 100 SAN ANTONIO, TX 78214 PHONE: (214) 560-1350 FAX: (214) 560-1351 EMAIL: ycc@ycc.com	
THIRD ANGLE PROJECTION FIRST ANGLE PROJECTION SECOND ANGLE PROJECTION THIRD ANGLE PROJECTION		SEE NOTES		TITLE: 10mm LOCKWASHER W/ RETAINING RING NUT	
DRAWN: K.Howard 7/7/10		APPROVAL: [Signature] DATE: 7/7/10		SIZE: B	DWG. NO: HMS 462 XXX_E
CHECKED: DPZ 7/7/10		SCALE: 4:1		REV: 002	
DUPLICATE SCALE DRAWING		SHEET 4 OF 4			