



#### NOTES/SPECIFICATIONS:

1. FOCAL LENGTH: 5.0 mm
2. F/NUMBER: F/2.8 to 16
3. IRIS CONTROL: MANUAL, LOCKABLE
4. FOCUS CONTROL: MANUAL, LOCKABLE
5. IMAGE SIZE: 8.8 x 6.6 mm
6. DIAGONAL FULL FIELD OF VIEW: 94.7°
7. MAX TV DISTORTION: 0.5%
8. MINIMUM WORKING DISTANCE: 100.0 mm
9. MAX OBJECT SIZE AT MINIMUM WORKING DISTANCE: 150 mm
10. C-MOUNT FLANGE FOCAL DISTANCE: 17.526mm IN AIR
11. FILTER SCREW SIZE: M40.5 x 0.5
12. FRONT EFFECTIVE APERTURE: Ø 28.0 mm
13. REAR EFFECTIVE APERTURE: Ø 10.0 mm
14. OPERATING TEMPERATURE RANGE: -10 to 45°C
15. STORAGE TEMPERATURE RANGE: -40 to 60°C
16. ALL REFERENCED DIMENSIONS VARY WITH FOCAL LENGTH ADJUSTMENT

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING  
PROJECTION



	NAME	DATE
DRAWN	JAC	12/FEB/21
APPROVAL	DD	12/FEB/21

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VALUES IN PARENTHESIS ARE CALCULATED  
AND MAY CONTAIN ROUND OFF ERRORS

**THORLABS**  
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5.0mm EFL, F/2.8,  
2/3" IMAGE FORMAT LENS

MATERIAL	N/A	REV D
ITEM #	MVL5M23	APPROX WEIGHT 85 g