



NOTES/SPECIFICATIONS

1. FOCAL LENGTH: 12.0mm
2. F/NUMBER: F/2.8~32
3. IRIS CONTROL: MANUAL, LOCKABLE
4. FOCUS CONTROL: MANUAL, LOCKABLE
5. PICTURE SIZE: 6.4x4.8mm
6. DIAGONAL FULL FIELD OF VIEW: 38.5°
7. MAX TV DISTORTION: -0.8%
8. MINIMUM WORKING DISTANCE: 300mm
9. MAX OBJECT SIZE AT MINIMUM WORKING DISTANCE: 200mm
10. C-MOUNT FLANGE FOCAL DISTANCE: 17.526mm IN AIR
11. FILTER SCREW SIZE: M25.5x0.5
12. FRONT EFFECTIVE APERTURE: $\varnothing 12.3\text{mm}$
13. REAR EFFECTIVE APERTURE: $\varnothing 11.7\text{mm}$
14. OPERATING TEMPERATURE RANGE: -10~45°C
15. STORAGE TEMPERATURE RANGE: -40~60°C
16. ALL REFERENCED DIMENSIONS VARY WITH FOCAL LENGTH ADJUSTMENT

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING
PROJECTION



	NAME	DATE
DRAWN	GG	08/AUG/17
APPROVAL	WD	08/AUG/17

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VALUES IN PARENTHESIS ARE CALCULATED
AND MAY CONTAIN ROUND OFF ERRORS

THORLABS
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12.0mm EFL, F/2.8
1/2" IMAGE FORMAT LENS

MATERIAL

N/A

REV
E

ITEM #

MVL12WA

APPROX WEIGHT

0.07 kg