



NOTES/SPECIFICATIONS

1. FOCAL LENGTH: 12mm
2. F-NUMBER: F/2.0~22
3. IMAGE SIZE: 13.8x18.4mm
4. DIAGONAL FULL FIELD OF VIEW: 87.6°
5. MAX TV DISTORTION: -0.04%
6. MINIMUM WORKING DISTANCE: 0.1m
7. MAX OBJECT SIZE AT MIN WORKING DISTANCE: 225mm
8. C-MOUNT FLANGE FOCAL DISTANCE: 17.526mm IN AIR
9. FILTER SCREW SIZE: M55x0.75
10. FRONT EFFECTIVE APERTURE: ϕ 44.8mm
11. REAR EFFECTIVE APERTURE: ϕ 16.0mm
12. TEMPERATURE RANGE: -10~50°C
13. STORAGE TEMPERATURE RANGE: -20~60°C
14. RESOLUTION: 160lp/mm AT CENTER, 80lp/mm AT CORNER
15. ALL REFERENCED DIMENSIONS VARY WITH FOCAL LENGTH ADJUSTMENT

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING
PROJECTION



| | NAME | DATE |
|----------|------|-----------|
| DRAWN | DS | 18/AUG/14 |
| APPROVAL | BW | 20/AUG/14 |

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VALUES IN PARENTHESIS ARE CALCULATED
AND MAY CONTAIN ROUND OFF ERRORS

THORLABS
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12mm EFL, F/2.0,
4/3" IMAGE FORMAT LENS

| | | |
|----------|-----|----------|
| MATERIAL | N/A | REV A |
|----------|-----|----------|

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|----------|---------------|
| ITEM # | APPROX WEIGHT |
| MVL12M43 | 0.27 kg |