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| Focal Length | 13mm |
| F/# | 1.0 |
| Spectral Range | 8~12 μ m |
| Transmittance | >89% |
| Detector | 640x512 / 12 μ m |
| FOV | 32.9° × 26.6° |
| Focusing Method | Athermal |
| Focus Range | 1.5m ~ ∞ |
| Mount Type | M20 x 0.5 |
| Lens Size | $\phi 22$ mm / L16mm |
| Rear Working Distance | 11.89mm |
| Weight | 15g \pm 5% |
| Coating | AR |
| Operating Temperature | -40°C ~ 60°C |
| Storage Temperature | -40°C ~ 80°C |
| IP Grade | IP67 (Front Mirror) |

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|-------------|-----------|------|---|--------------|
| Drawing No. | NZLA13F1 | | SOT-LW-A-13F1 | |
| | Signature | Date | | |
| Designed by | | |  Shape Optics Technologies Pte Ltd | |
| Reviewed by | | | | |
| Approved by | | | | |
| | | | | Sheet 1 of 1 |