The model 1205-1054 is specifically designed for operation as an 80MHz acousto-optic frequency-shifter at 633nm.

**FEATURES**
- Small Size
- Low Drive Power
- Good Temperature Stability

**DRIVERS**
- Model 522C-L (Digital)
- Model 532C-L (Analog)

**SPECIFICATIONS**
- Standard Operating Wavelength: 633nm (Others available)
- Interaction Material: Lead Molybate (PbMoO4)
- Active Aperture: 1mm
- Center Frequency: 80MHz
- Input Impedance: 50 Ohms (nominal)
- VSWR: <1.5:1 @ 80MHz
- RF Drive Power: 0.6 Watt (nominal)
- Diffraction Efficiency: >80% (for 0.15mm beam)
- Insertion Loss: <3%

**OUTLINE DRAWING**

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Quality Assured.
In-house: Crystal Growth,
Optical Polishing,
A/R coating, Vacuum Bonding

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
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