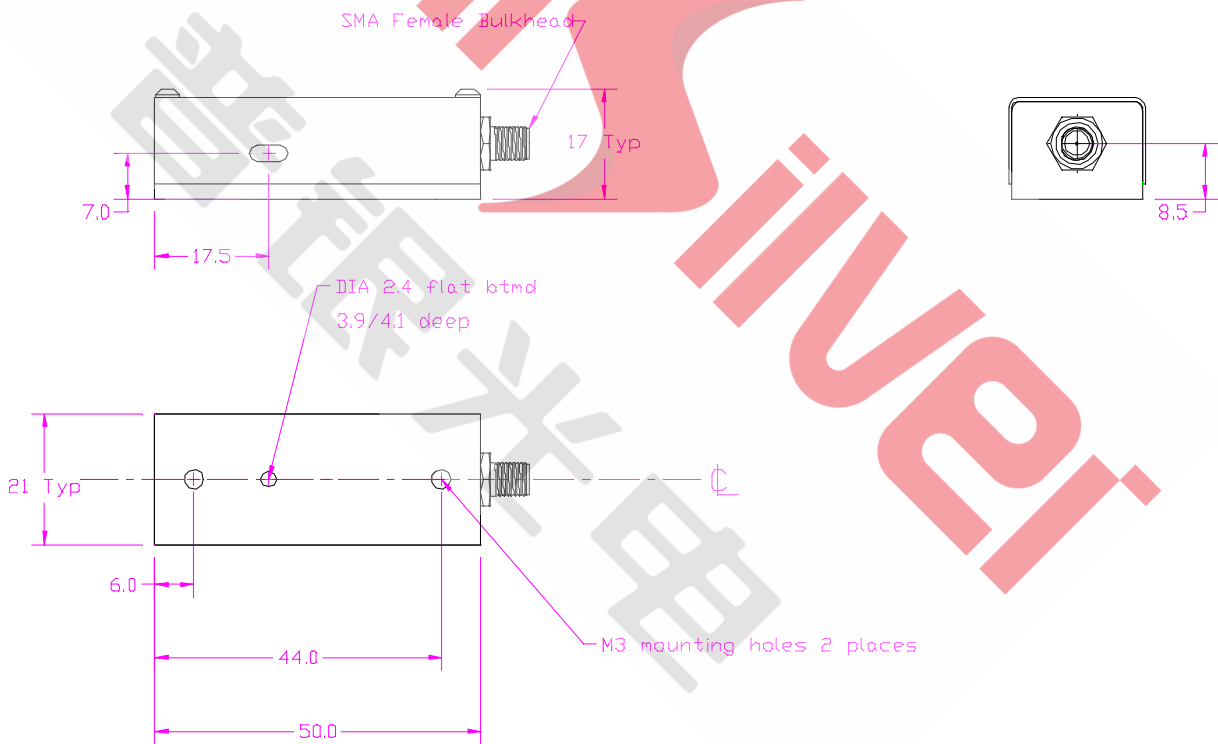


# I-M200-0.75C2G-3-SO8 Specification:

Model No:	I-M200-0.75C2G-3-SO8
Device:	AO Modulator
Interaction material:	Tellurium Dioxide
Wavelength:	1064nm
Damage threshold:	> 50MW/cm <sup>2</sup> (pulsed) > 50KW/cm <sup>2</sup> (CW)
AR coating reflectivity:	< 0.3% per surface
Transmission:	> 99.4%
Frequency:	200MHz
Optical polarisation:	Linear, vertical with respect to base
Active aperture:	0.75mm
Recommended beam diameter:	0.4mm
Acoustic mode:	Compressional
Rise-time (10-90%):	153ns/mm
Separation angle:	50mrad
Diffraction efficiency:	≥ 85%
Maximum RF power:	3W
Housing:	Refer to drawing



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*Enabling Optical Technologies*

Gooch & Housego (UK) Ltd  
Dowlsh Ford, Ilminster,  
Somerset, TA19 0PF, UK

T +44 (0) 1460 256440 F +44 (0) 1460 256441  
E sales@goochandhousego.com  
W www.goochandhousego.com