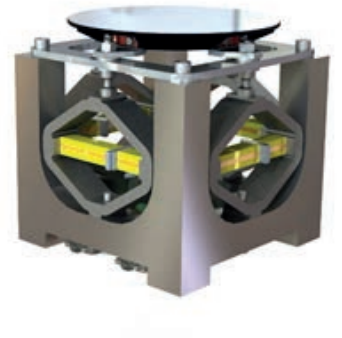


DESCRIPTION

FSM with 120 mm diameter SiC mirror

APPLICATION

Space, point-ahead mechanism for infrared telescope.



CAD view of DTT95ML-SG-SV

ENVIRONMENTAL CONDITIONS

- SRS 800 G
- Random 8 Grms

PARAMETER	UNIT	DTT95ML-SG-SV
Angular stroke Rx & Ry +/-	mrad	0.56
Dimensions	mm	127×127×128
Mirror dimensions	mm	>130
Loaded resonance frequency	Hz	2100
Control bandwidth	Hz	700
Capacitance (per axis)	µF	40
Embedded electronics board	Embedded electronics board to secure the wires Driven with 0-80V reduced voltage	