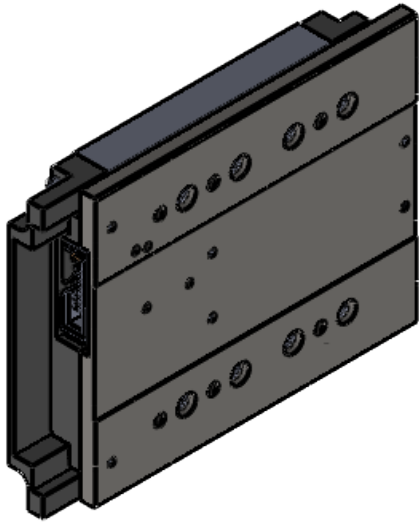
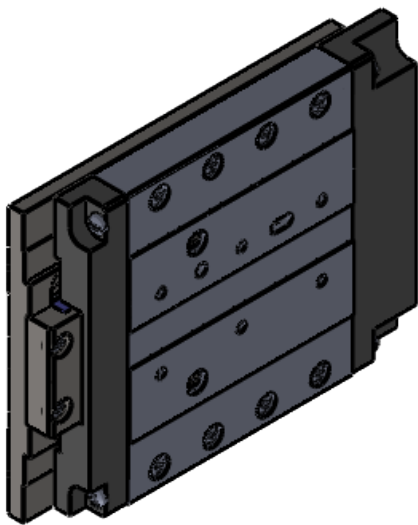
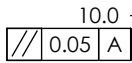
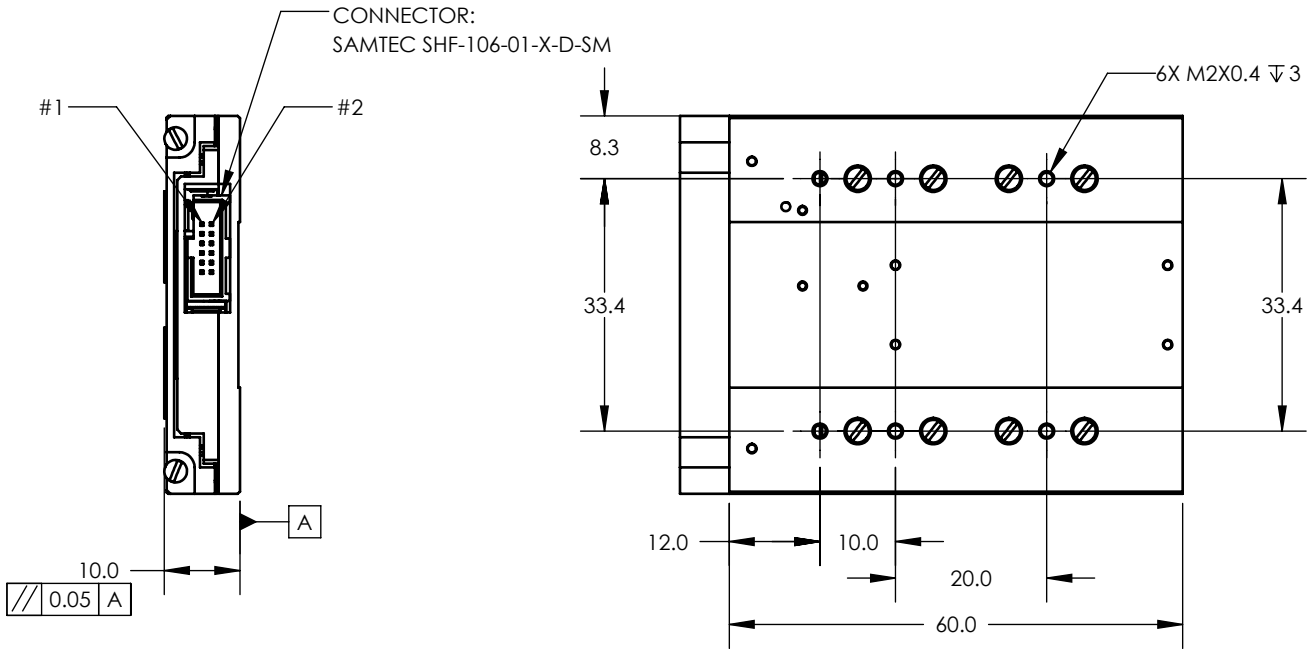
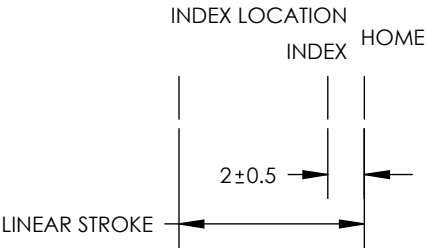
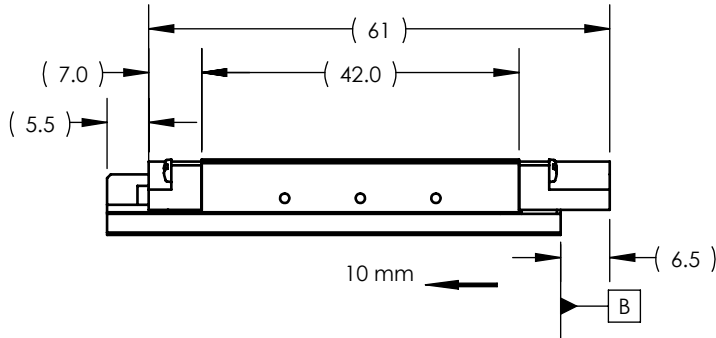
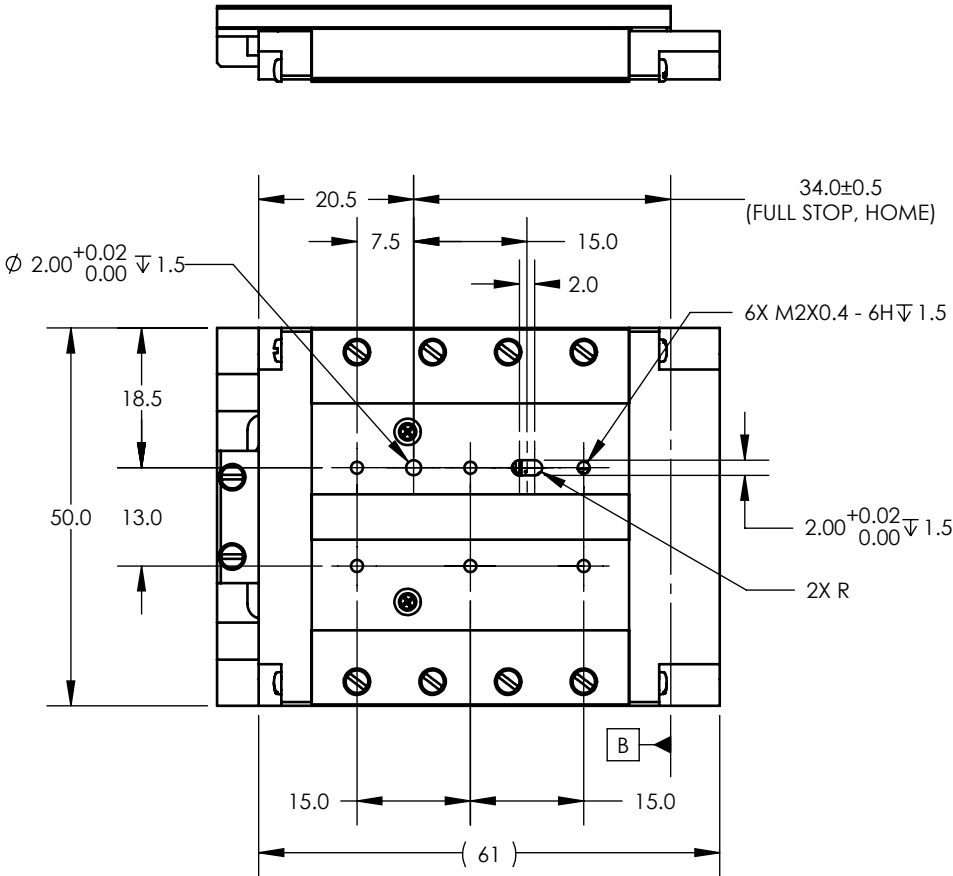


REVISIONS				
REV	ECR	DESCRIPTION	DATE	APPROVED
D	6357	RE-DRAWN	3/12/2018	TW

NOTES (UNLESS OTHERWISE SPECIFIED)

1. LINEAR STROKE: 10 mm
2. ENCODER RESOLUTION: 5, 1 um
3. PEAK FORCE: 2.1 N @ 24Vdc
4. FORCE CONSTANT: 1.6 N/A
5. MAXIMUM CURRENT: 1.3 A
6. RESISTANCE: 15.5± 10 % Ohm (WITH CABLE LAH-P12-26)
7. CONTINUOUS FORCE: 0.5 N @ 0.3 A
8. MOVING MASS: 30 g
9. TOTAL MASS: 110 g (W/O CABLE LAH-P12-26)
10. CONNECTOR: SAMTEC 12 PIN
11. LINEAR GUIDE: ANTI-CREEP CROSS ROLLER
12. SPRING RETURN: OPTIONAL
13. OPERATING TEMPERATURE: 0°C TO 40°C
14. TOLERANCES

X.: ±0.5
X.X: 0.25



SAMTEC SHF-106-01-X-D-SM PINOUT

PIN No	DETAILS
1	+5 VDC
2	GND
3	B-
4	B+
5	Z+
6	Z-
7	A+
8	A-
9	COIL -
10	COIL -
11	COIL +
12	COIL +

UNLESS OTHERWISE SPECIFIED		MATERIAL: SEE BOM		NAME	DATE	SMAC MOVING COIL ACTUATORS 5807 VAN ALLEN WAY CARLSBAD CA, 92008 (760) 929-7588
ALL DIMENSIONS ARE IN MM		FINISH: SEE BOM		DWN BY	TW	
BREAK EDGES AND REMOVE BURRS		MACHINE FINISH: 1.6		CHK BY	TMV	
TOLERANCES		INTERPRET PER: ASME Y14.5-2009		ENG APP	TMV	
X.: ±0.5 X.X: ±0.1		THIRD ANGLE PROJECTION		MFG APP		SLA10-010-5X-1
X.XX: ±0.03 ANGLE: ±0.1°		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SMAC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SMAC IS PROHIBITED.		QA APP		
CONCENTRICITY: ±0.025		SIZE: B		PART NO: SLA10-010-5X-1		REV: D
ROUNDNESS: ±0.025		SCALE: 1:1		DO NOT SCALE		SHEET: 1 / 1
EDGE BREAKS: 0.2 MAX						
ALL DIMENSIONS AND TOLERANCES ARE FINAL						

REF. NUMBER	SLA10-010
CONTRACT	STD