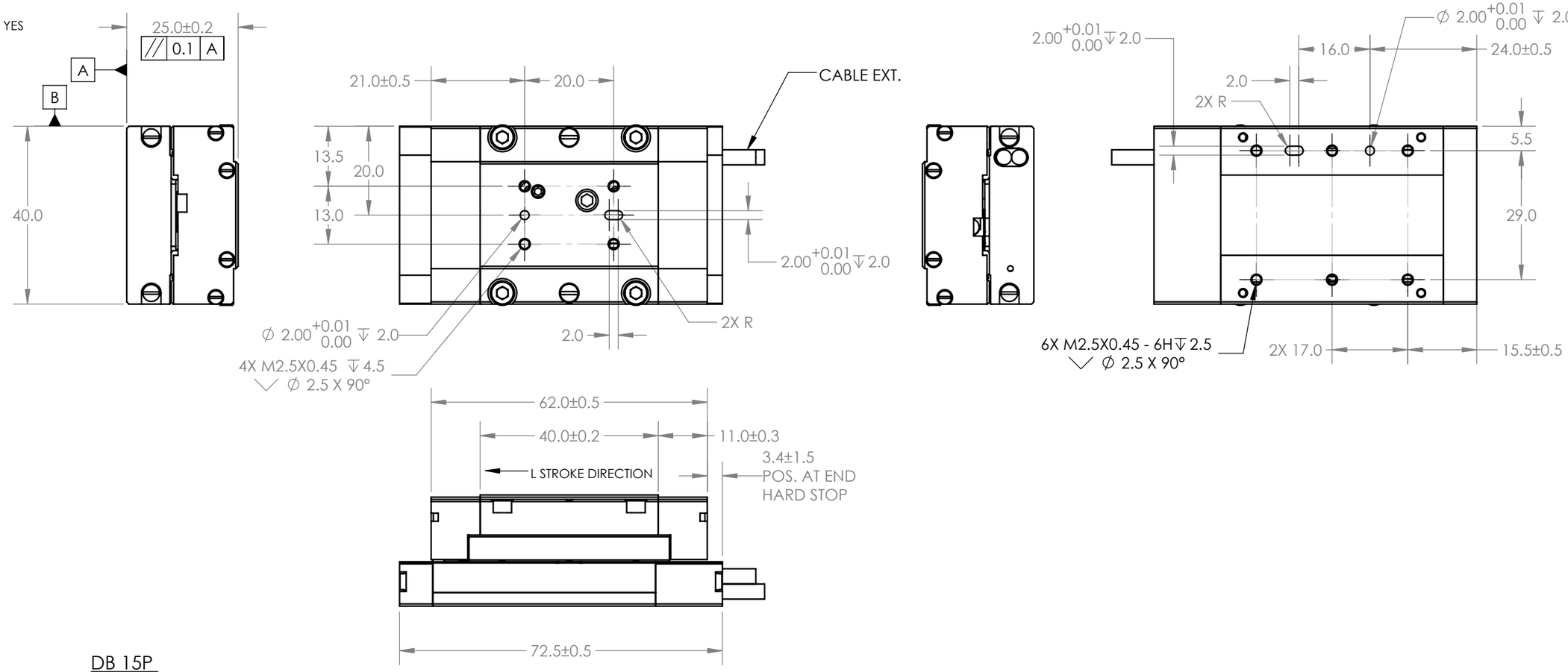
REVISIONS				
ECN	REV.	DESCRIPTION	DATE	APPROVED
-	E	RELEASE	04/15/2016	TOAN VU
6026	F	72.5±0.5 WAS 65.0±0.5	3/7/2017	TW
6233	G	LINEAR STROKE 10 WAS 50, TOTAL MASS 203 WAS 160	10/20/2017	TW

NOTES (UNLESS OTHERWISE SPECIFIED):

G LINEAR STROKE: 10 mm
FORCE CONSTANT: 2.7 N/AMP
PEAK FORCE: 4N @ 24V DC
MAXIMUM CURRECT: 1.5 A @ 24V DC
COIL RESISTANCE: 16 Ohm
ENCODER RESOLUTION: 5, 1, 0.1, 0.05 µm
MOVING MASS: 50 g
G TOTAL MASS: 203 g (W/O CABLE)

SPRING RETURN (OPTION): YES



DB-26P PINOUT

PIN	DETAILS
1	PH. A+
2	PH. B+
3	PH. Z+
4	NC
5	NC
6	NC
7	NC
8	NC
9	NC
10	PH. A-
11	PH. B-
12	PH. Z-
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	+5V DC
20	5V RTN
21	COIL +
22	COIL +
23	COIL -
24	COIL -
25	NC
26	NC

DB 15P

PIN	FUNCTION
1	PH A+
2	PH Z+
3	PH B+
4	+5V
5	NC
6	NC
7	NC
8	NC
9	PH A-
10	PH Z-
11	PH B-
12	5V RTN
13	NC
14	NC
15	NC

POWER

PIN	FUNCTION
1	GND
2	+V
3	COIL +
4	COIL -

REF. NUMBER	SLA25-010
CONTRACT	STD

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN MM
BREAK EDGES AND REMOVE BURRS
TOLERANCES
X.: ±0.5 X.X: ±0.1
X.XX: ±0.03 ANGLE: ±0.1°
CONCETRICITY: ±0.025
ROUNDNESS: ±0.025
EDGE BREAKS: 0.2 MAX
ALL DIMENSIONS AND TOLERANCES ARE FINAL

MATERIAL:
FINISH:
MACHINE FINISH:
INTERPRET PER: ASME Y14.5-2009
THIRD ANGLE PROJECTION

	NAME	DATE
DWN BY	TW	3/1/2017
CHK BY	TMV	3/1/2017
ENG APP	TMV	3/1/2017
MFG APP		
QA APP		

PROPRIETARY AND CONFIDENTIAL
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.

SMAC
MOVING COIL ACTUATORS
5807 VAN ALLEN WAY
CARLSBAD CA, 92008
(760) 929-7588

TITLE: SLA25-010-XX-2

SIZE: B | PART NO: SLA25-010-XX-2 | REV: G
SCALE: 2:1 DO NOT SCALE | SHEET: 1 / 1