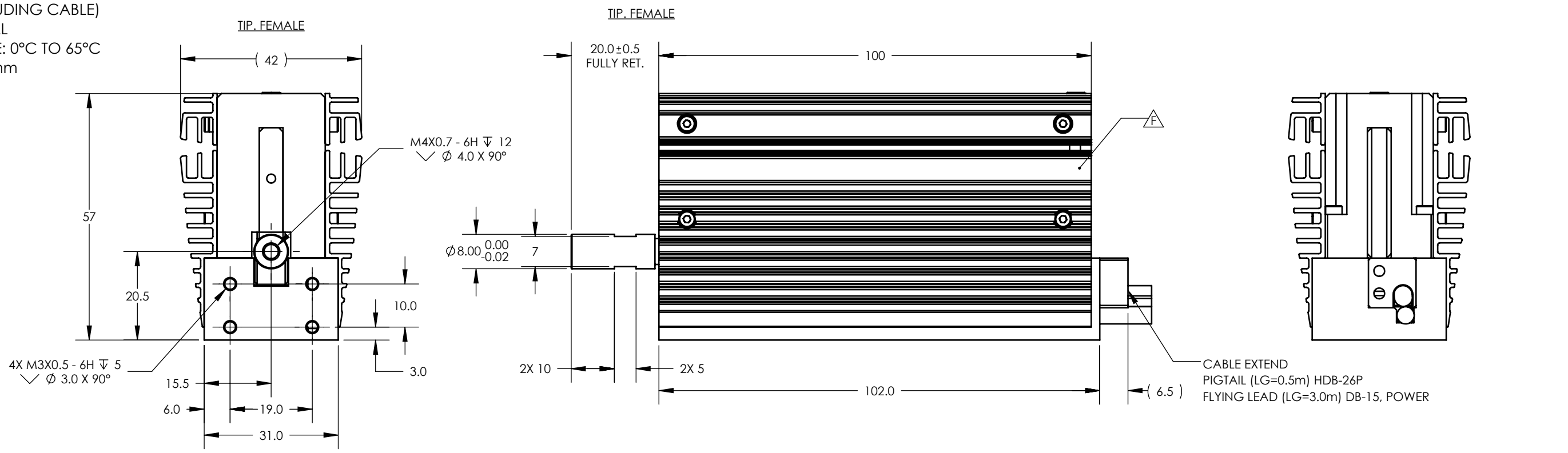


LINEAR SPECIFICATIONS:

LINEAR STROKE: 12 +1/-0 mm
 PEAK FORCE: 76 N(48V@6A)
 FORCE CONSTANT: 13 N/A@48V
 COIL DC RESISTANCE: 8.6 ± 5% OHMS
 COIL INDUCTANCE: 2.1 mH (IN CIRCUIT)
 ENCODER RESOLUTION: 5, 1.0, 0.1 μm
 ENCODER REPEATABILITY: ± 4 COUNTS
 REF. SIGNAL: 2 - 3 mm REF. REAR STOP
 MOVING MASS: 75 g
 TOTAL MASS: 750 g (INCLUDING CABLE)
 SPRING RETURN: OPTIONAL
 OPERATING TEMPERATURE: 0°C TO 65°C
 ALL DIMENSIONS ARE IN mm

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
C	5967	CHANGED CABLE CLAMP, ADDED CABLE OPTION	12/29/2016	TW
D	SJ1017	ADDED MALE SHAFT OPTION	8/7/2017	BJC
E	6173	UPDATED RETRACT SPECS	8/28/2017	BJC
F	6377	CHANGED HEATSINK	3/12/2018	TW



DB 26P PINOUT

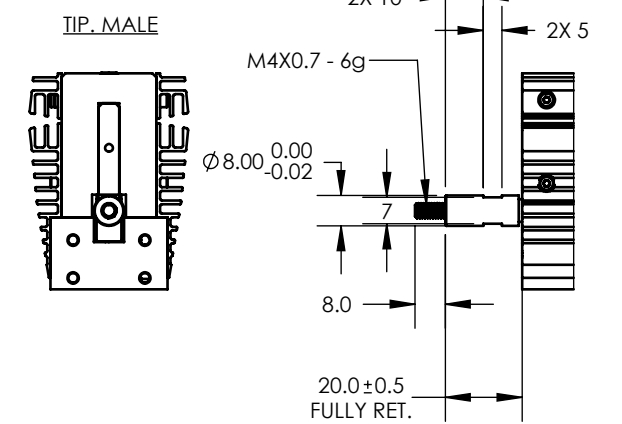
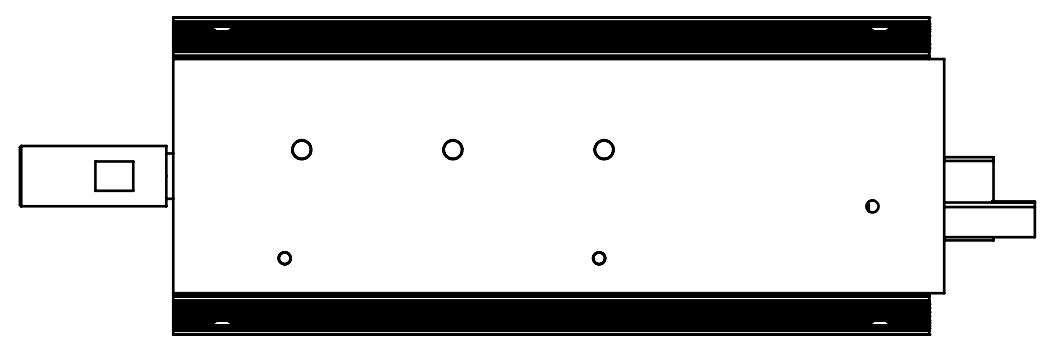
1	(AXIS 1) PH. A+
2	(AXIS 1) PH. B+
3	(AXIS 1) PH. Z+
4	NC
5	NC
6	I/O RTN
7	NC
8	NC
9	NC
10	(AXIS 1) PH. A-
11	(AXIS 1) PH. B-
12	(AXIS 1) PH. Z-
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	+5VDC
20	5V RTN
21	(AXIS 1) COIL +
22	(AXIS 1) COIL +
23	(AXIS 1) COIL -
24	(AXIS 1) COIL -
25	NC
26	NC

DB 15P

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

POWER

TABLE	
No	DETAIL
1	V RTN
2	+ V
3	MOTOR +
4	MOTOR -



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MM BREAK EDGES AND REMOVE BURRS TOLERANCES X: ±0.5 X.X: ±0.1 XXX: ±0.03 ANGLE: ±0.1° CONCENTRICITY: ±0.025 ROUNDNESS: ±0.025 EDGE BREAKS: 0.2 MAX ALL DIMENSIONS AND TOLERANCES ARE FINAL	MATERIAL: N/A	NAME TW	DATE 12/28/2016	SMAC MOVING COIL ACTUATORS 5807 VAN ALLEN WAY CARLSBAD CA, 92008 (760) 929-7588
	FINISH: N/A	CHK BY TMV	12/28/2016	
	MACHINE FINISH: N/A	ENG APP TMV	12/28/2016	
	INTERPRET PER: ASME Y14.5-2009	MFG APP QA APP		
REF. NUMBER LCA32-012		PART NO: LCA32-012-7X-3		REV: F
CONTRACT STD		SCALE: 1:1 DO NOT SCALE		SHEET: 1 / 1