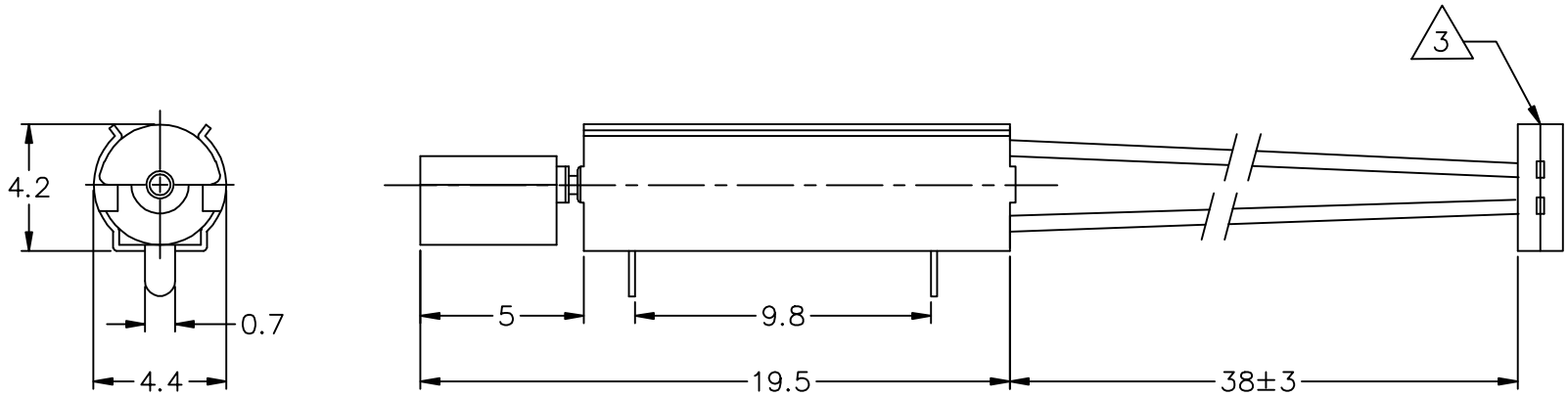
THIS DOCUMENT CONTAINS DATA PROPRIETARY TO PROJECTS UNLIMITED, INC. ANY USE OR REPRODUCTION, IN ANY FORM, WITHOUT PRIOR WRITTEN PERMISSION OF PROJECTS UNLIMITED, INC. IS PROHIBITED.
©2005, Projects Unlimited Inc.

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
–	RELEASED FROM ENGINEERING	6/20/06	
A	ADDED PIN WIDTH	5/16/07	B.R.

SPECIFICATIONS

PARAMETERS	VALUES	UNITS
RATED VOLTAGE	1.3	Vdc
RATED CURRENT (MAX)	90	mA
SPEED	9000±2500	rpm
STARTING VOLTAGE (MAX)	1	Vdc
TERMINAL RESISTANCE	11.5±20%	Ohm
DIRECTION OF ROTATION	CW, CCW	–
WEIGHT	1.6	grams



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. SPECIFICATION SUBJECT TO CHANGE OR WITHDRAWAL WITHOUT NOTICE.
3. CONNECTOR: KYOCERA ELCO CORP. 24–8005–002–100–867
4. THIS PART IS RoHS 2002/95/EC COMPLIANT.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS, TOLERANCES ARE ±0.5 AND ANGLES ARE ±3°.

APPROVALS		DATE
DRAWN	J.D.	5/06
CHECKED	E.P.	6/06
APPROVED	B.R.	6/06

DO NOT SCALE DRAWING

FILE NAME
MV4020–13HL–LWC38–R.DWG

projects unlimited Dayton , Ohio

VIBRATION MOTOR

SIZE A

DRAWING NO. MV4020–13HL–LWC38–R

SCALE: N.T.S.

SHEET 1 OF 1