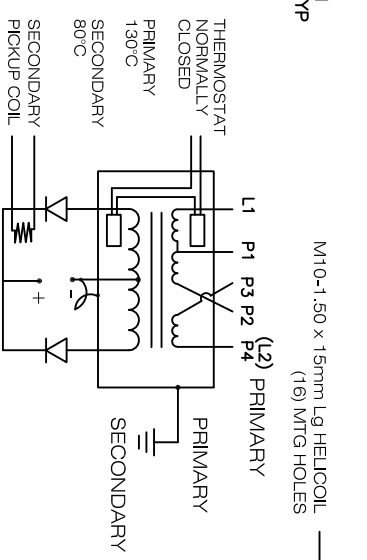
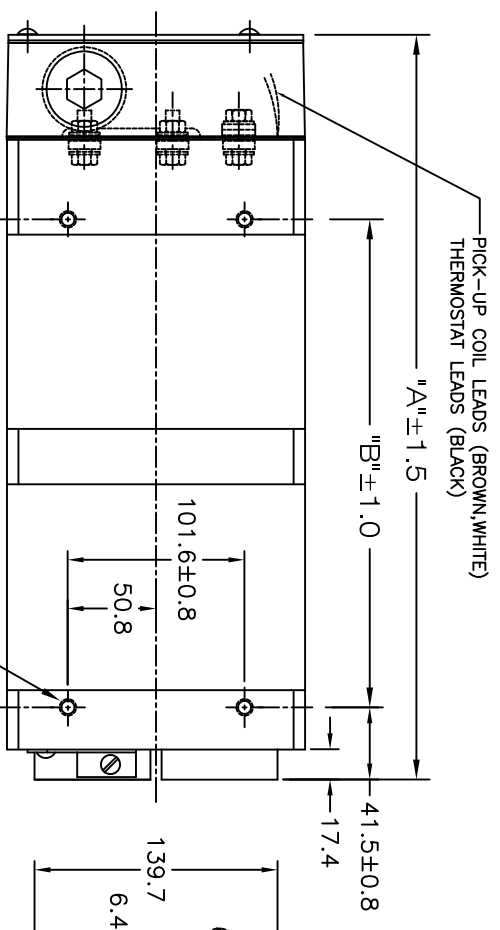
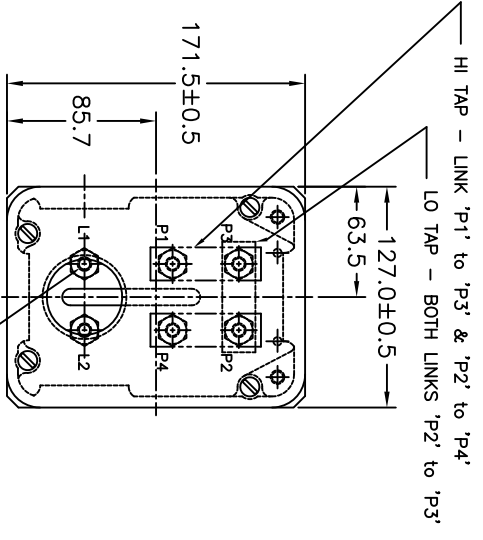
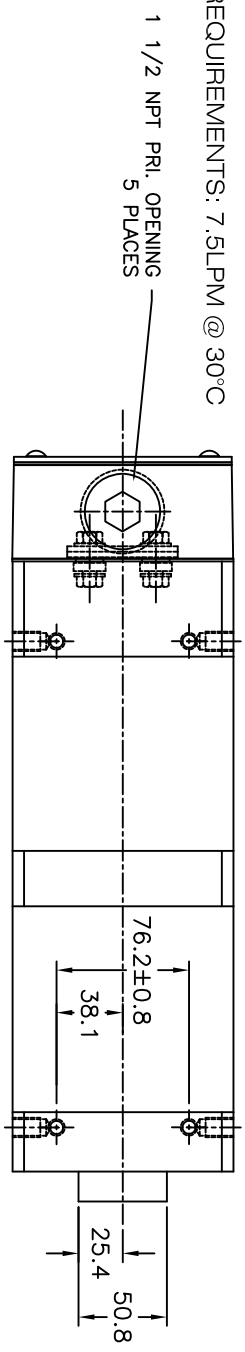


MODEL	KVA @ 50% DUTY CYCLE	PRIMARY VOLT/FREQ	SECONDARY VOLTAGE (DC)		TURNS RATIO		Dim. 'A'	Dim. 'B'	WEIGHT (KGS)
			LO-TAP	HI-TAP	LO-TAP	HI-TAP			
TDC-7409	160	500/1000Hz	9.0	13.1	55:1	38:1	425	279	31.8 (70)
TDC-6650	160	650/1000Hz	9.0	13.0	72:1	50:1	425	279	31.8 (70)
TDC-6827	160	800/1000Hz	9.0	13.1	88:1	61:1	425	279	31.8 (70)

COOLING REQUIREMENTS: 7.5LPM @ 30°C



**NOTE\***  
The secondary terminals of this device are intended as an electrical connection only. Applications must be designed to minimize any forces applied to the secondary terminals, this can be accomplished by transferring forces to a structural member.

TRANSFORMER CASE MUST BE GROUNDED. TRANSFORMER WILL BE SHIPPED WITH A JUMPER CONNECTING SECONDARY CENTER TAP TO CASE. USER MUST PROVIDE APPROPRIATE GROUNDING OF SECONDARY CIRCUIT. FOR APPLICATIONS ABOVE A 20% DUTY CYCLE, CONTACT ROMAN MANUFACTURING FOR ASSISTANCE.

Contact the manufacturer for performance specifications

REV	DESCRIPTION	JOB B/C	DATE
C	ADDED "DUTY CYCLE" TO TABLE	18MAR15	
B	ADDED TDC-7409 (500/1000Hz)	14FEB14	
A	ADDED TDC-6827 (800v/1000Hz)	23Nov10	

All dimensions in Millimeters

POWER SUPPLY

MANUFACTURING

DATE: 26Mar10

SCALE: NONE

DRWING BR: KLY

APPROX REVISIONS

SIZE "3.5"

DRAWING NUMBER: 6650-1

**Rating Curve for RoMan TDC-6650 , 1 coolant circuits at 2 GPM minimum ( 7.5 LPM) per circuit, 160 kVA @ 50% duty cycle and 13 VDC (transformer). 30 C max coolant inlet temp, 10 million weld life expectation at these conditions, Contact RoMan if duty cycle exceeds 40%**

