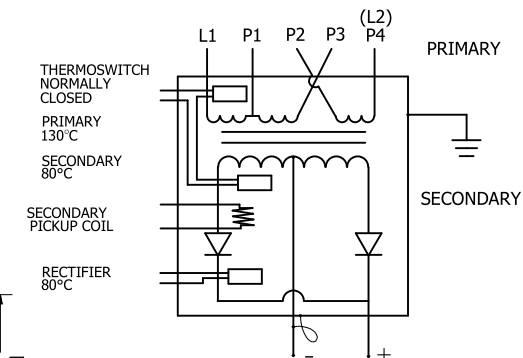
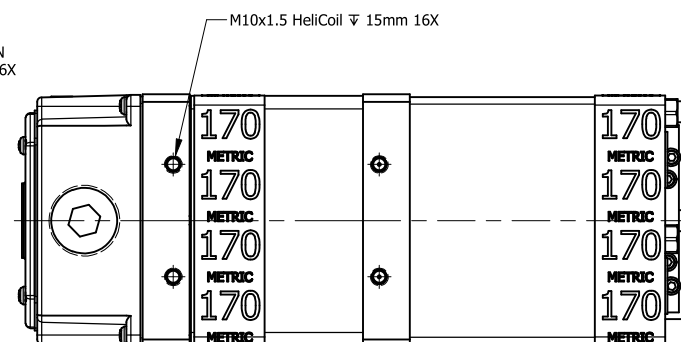
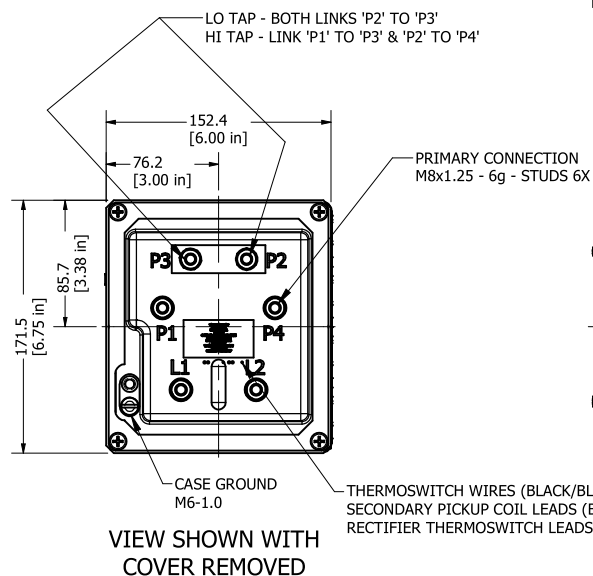
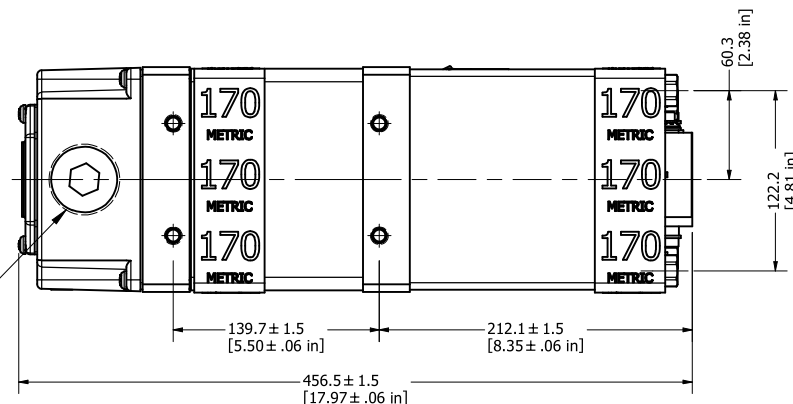


MODEL	DCX / NPM CODE	KVA @ 50% DUTY CYCLE	PRIMARY VOLT/FREQ	SECONDARY VOLTAGE (DC)		TURNS RATIO		WEIGHT (KG)
				LO-TAP	HI-TAP	LO-TAP	HI-TAP	
TDC-1078	91-901-1220	170	650/1000	9.5	13.0	68:1	50:1	45
TDC-5620	-	170	800/1000	9.5	13.1	84:1	61:1	45
TDC-6599	-	170	325/1000	9.5	13.0	34:1	25:1	45

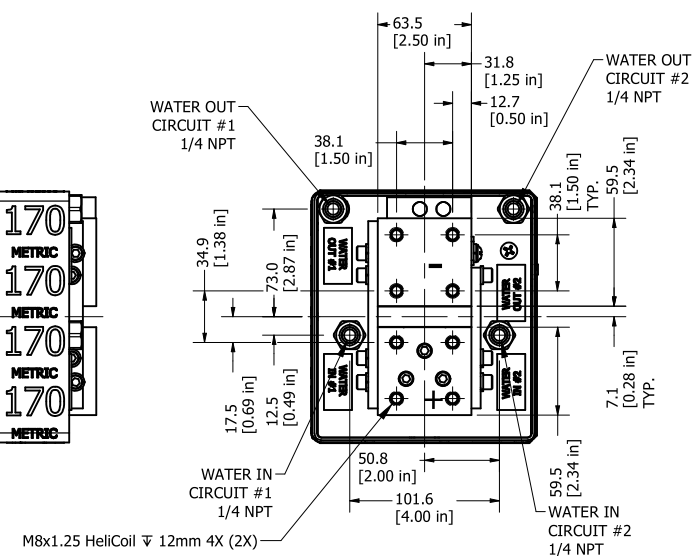
COOLING REQUIREMENTS: 7.5 LPM PER CIRCUIT @ 30°C MAX INLET TEMPERATURE
15 LPM TOTAL

NOTE:
IF PLUMBED IN SERIES, PREFERRED WATER CONNECTION TO BE WATER IN CIRCUIT #1, JUMPER WATER OUT #1 TO WATER IN #2, WATER OUT CIRCUIT #2.

PRIMARY CONNECTION
1-1/2 NPT TYP.



TRANSFORMER CASE MUST BE GROUND. 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.



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.

AG	ADDED PREFERRED WATER CONNECTION NOTE		BCC	RD	6/6/2019
AF	ADDED THREAD CALLOUT		JCB	KLY	8/20/2018
REV	DESCRIPTION			DATE	
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SCALE:		NONE	DETAILER: ACG		
DATE:		11/6/1998	DESIGNER: TVANDYK		
		RoMan MANUFACTURING	APPROX WEIGHT: N/A		
Power Supply					
		PHYSICAL DRAWING		DRAWING NUMBER: 1010335	

Rating Curve for RoMan TDC-1078 , 2 coolant circuits at 2 GPM minimum (7.5 LPM) per circuit, 170 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%

