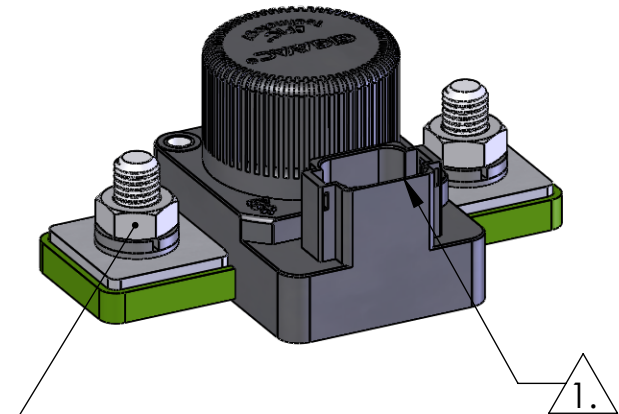
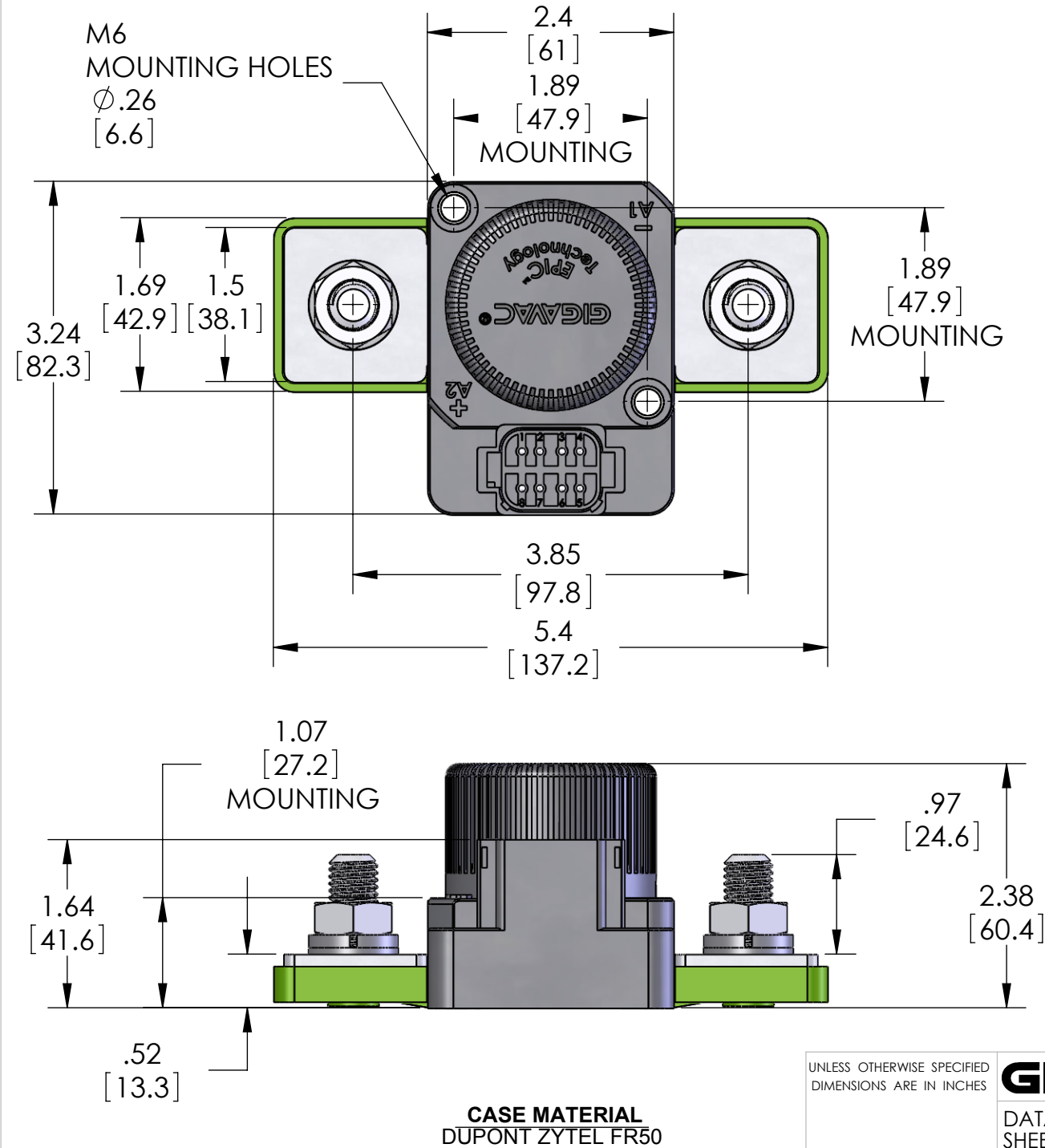


REV	DESCRIPTION	DATE	APPROVED
1	ENGINEERING RELEASE	11/26/2013	R.ULRICH



POWER CONNECTION
ZINC PLATED, M12X1.75 BOLT
STAINLESS M12X1.75 NUT
STAINLESS LOCK WASHER
STAINLESS FLAT WASHER

TORQUE 200-300 IN-LB (22-33 Nm)

1. MATING DEUTSCH CONNECTOR	
PART NUMBER	DESCRIPTION
DT06-08SA	CONNECTOR HOUSING
0462-201-16141	SOCKET
114017	SEALING PLUG
HDT-48-00	RECOMMENDED CRIMPER
W8S	WEDGE

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

GIGAVACTM

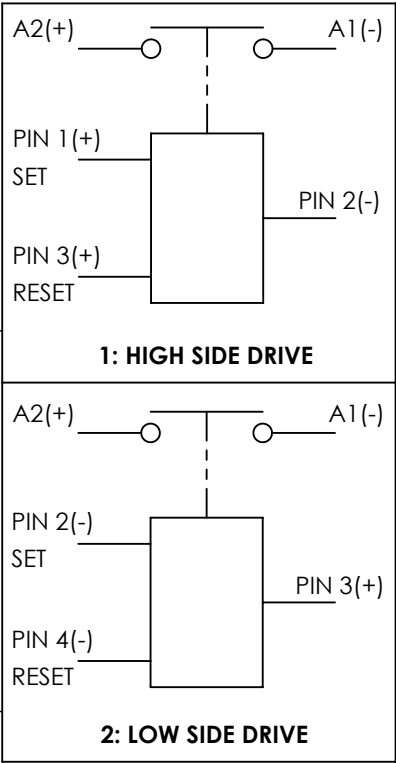
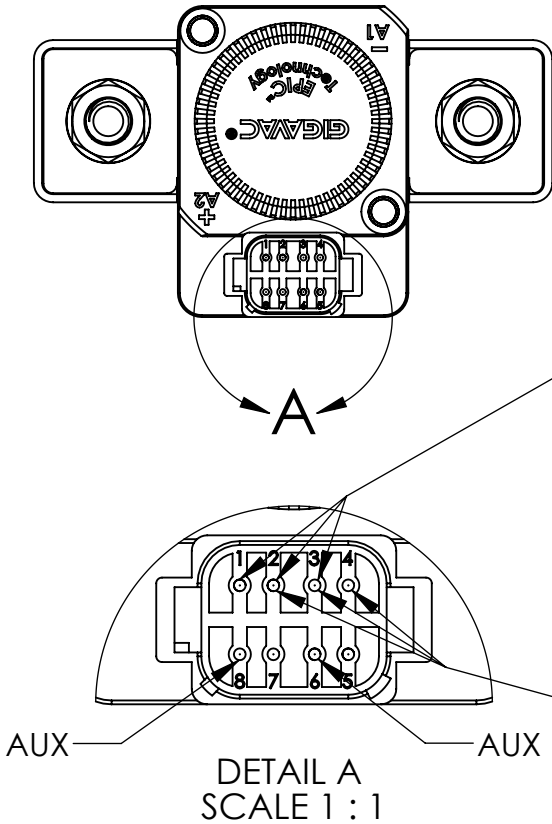
6382 ROSE LANE,
CARPINTERIA, CA 93013
www.gigavac.com

DATA SHEET: **MXL15 CONTACTOR**

SIZE: A	DWG. NO. MXL15	REV: 1
SCALE: N/A	CAD FILE: MXL15_DATASHEET.SLDDRW	SHEET 1 OF 2

Environmental Specifications		
Temperature Range		-55°C to +85°C
Weight (Typical, with hardware)		1.6 lbs, 0.72 kg
Seal		Hermetic Vacuum Braze, tested to E-9 std cc/sec
Vibration		50-2000 Hz 15G
Shock		½ Sine @20Gs, 11ms
Steam/Water-Jet/Boiling water		Withstands Water-Jet over 2750psi, Steam over 105 psi
Chemical, Corrosion, Fungal		Resistant to corrosion, chemicals, and fungal growth.
Electrical Specifications		
Insulation resistance (min)		100MΩ (50MΩ after life)
Dielectric withstanding voltage		2200Vrms
Voltage drop across contacts @ 500A		150mV (max)
Continuous Current Rating		
	Cable 400MCM	500A @85C, 85C MAX TEMPERATURE RISE
Max Current Rating		
	1 sec	3000A
	60 sec	1500A
	300 sec	850A
Set (Close) Time		
	Max	20ms
	Typical	13ms
Reset (Open) Time, Max		12ms
Resistive Load Switching		
500A @ 12/24/28 VDC		100,000 cycles
Fault interrupt @28 VDC		2000A (max)
Mechanical Life		1,000,000 cycles

Coil Data		
	12 VDC	24/28 VDC
COIL PART NUMBER	B	C
Nominal Voltage	12 VDC	24/28 VDC
Maximum Voltage	16 VDC	33 VDC
Set Voltage @23C (max)	9 VDC	13 VDC
Reset Voltage @23C (min)	7 VDC	10VDC
Coil Current	2.6 A (@12V)	1.6 A (@28V)
Pickup/Dropout Impulse Time (Internal Set)	100ms Max	



MXL15 _ _ E _

COIL VOLTAGE
B=12VDC
C=24/28VDC

HIGH/LOW SIDE DRIVE
1=HIGH SIDE
2=LOW SIDE

AUXILIARY
B=SPST, NO
BLANK=NONE

GIGAVAC™
www.gigavac.com

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