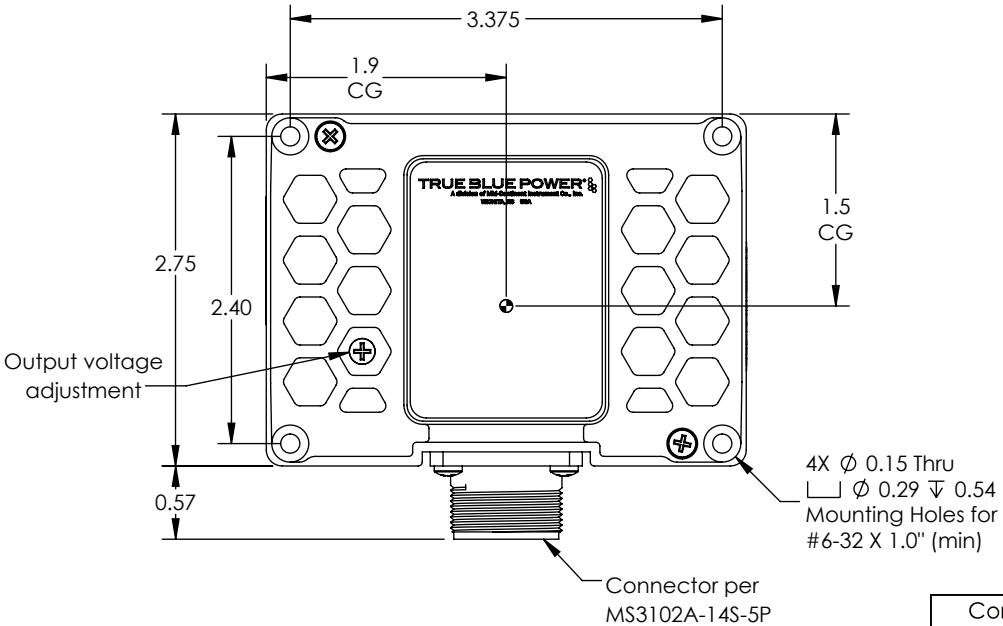
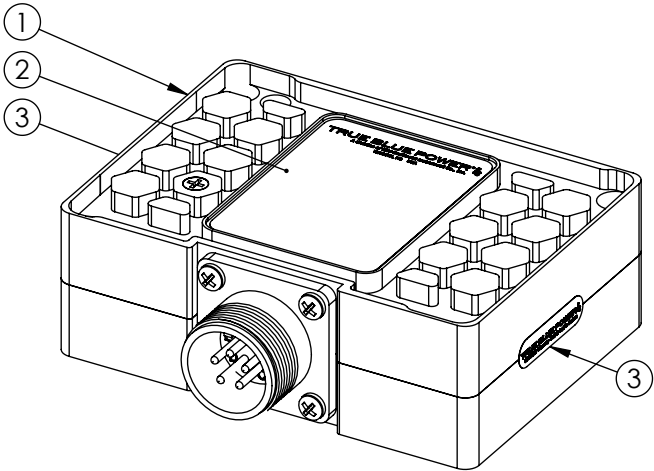


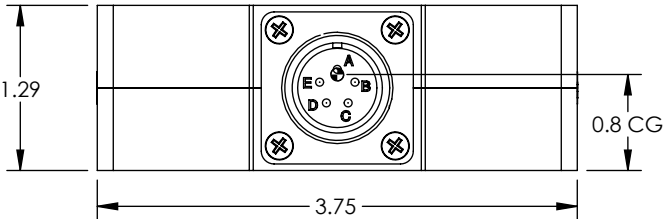
Configuration		
Dash #	Remote On/Off	Assy, TC120
-1	No	9018490-1
-2	Yes	9018490-2
-3	No	9018490-5

Revision				
ECO	Rev.	Description	Date	Approved
		See obsolete drawing for revision history.		
7292	F	Added -3 configuration, updated qual and weight.	10/21/20	MEK/Sch
7300	G	Updated power input.	11/02/20	VAA/Sch
7497	H	Added CG dimensions. Power output was 5-18 VDC.	06/08/22	VAA/MKN



Specifications	
Model Number	TC120
Power Input	24-32 VDC 5 Amps nominal @ 28VDC; 8 Amps max
Power Output	5-24 VDC (adjustable) 120 watts rated power 9 Amps @ 14V nominal
Efficiency	95%
Features	Short-circuit protection; reverse polarity protection; over-voltage protection
Qualification (See Installation Manual for details)	FAA TSO-C71, RTCA DO-160G, -3 only: Additional Mil-Std qualifications
Temperature	-55°C to +70°C
Mating Connector	MS3106A14S-5S or equivalent
Case	Machined aluminum, blue anodized
Weight	11.0 oz (312g)
Install Manual	P/N 9018558

Connector Pinout	
A	DC Input
B	DC Return
C	VDC Output
D	DC Return
E	Remote ON/OFF



Item	Qty	Part Number	Description
1	1	See Config	Assy, TC120
2	1	9018491	Nameplate, DC/DC Converter
3	2	6018956-1	Decal, Warranty, TBP

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. TOLERANCE: FRACTIONAL=±1/64 .XX=±0.015 .XXX=±0.005 .XXXX=±0.002 ANGULAR=±0.5° WEIGHT: N.T.E.+5% BREAK ALL SHARP EDGES THREADS PER MIL-S-7742	DRAWN: VAA 11/11/2015	This document discloses proprietary information of Mid-Continent Instrument Co., Inc. It may be reproduced or disclosed only with written permission of Mid-Continent Instrument Co. and is not to be used in any way detrimental to the interests of Mid-Continent Instrument Co., Inc.		TRUE BLUE POWER® A division of Mid-Continent Instrument Co., Inc.
	APPROVED: BAW 02/02/2016	TITLE: Converter, DC/DC, 120W		PART NUMBER: 6430120
	SCALE: 2:3	DO NOT SCALE THIS DRAWING		SHEET: 1 of 1