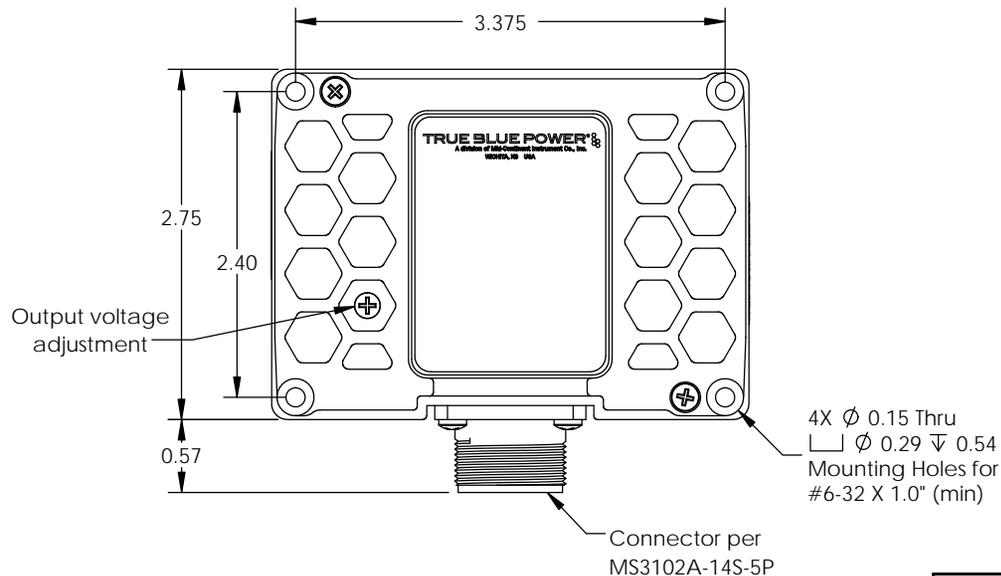
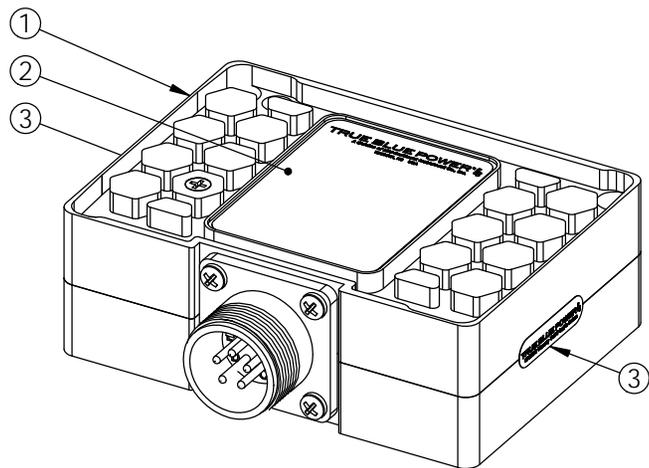


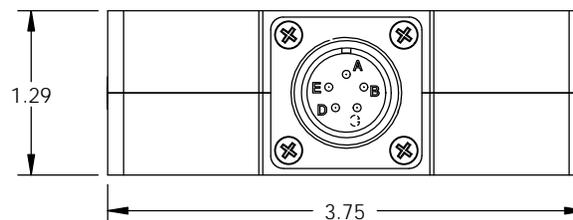
Configuration		
Dash #	Remote On/Off	Assy, TC120
-1	No	9018490-1
-2	Yes	9018490-2

Revision				
ECO	Rev.	Description	Date	Approved
		See obsolete drawing for revision history.		
6568	C	Added -2 Configuration	03/10/16	VAA/TKV
6623	D	Updated height from 1.20" to 1.29" and various specification (input range, weight, efficiency)	04/26/16	VAA/TKV
6774	E	Weight in title block was concentricity. Change weight from 0.65 lbs to 10.4 oz, delete kg & max.	07/06/17	ScH/VAA



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

Specifications	
Model Number	TC120
Power Input	22-32 VDC 5 Amps nominal @ 28VDC; 8 Amps max
Power Output	5-18 VDC (adjustable) 120 watts rated power 9 Amps @ 14V nominal
Efficiency	95%
Features	Short-circuit protection; reverse polarity protection; over-voltage protection
Qualification	FAA TSO-C71 RTCA DO-160G (See Installation Manual)
Temperature	-55°C to +70°C
Mating Connector	MS3106A14S-5S or equivalent
Case	Machined aluminum, blue anodized
Weight	10.4 oz
Install Manual	P/N 9018558



Item	Qty	Part Number	Description
1	1	9018490-1	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  
11/11/15

APPROVED:  
BAW  
002/02/16

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**TRUE BLUE POWER**  
A division of Mid-Continent Instrument Co., Inc.

TITLE:  
Converter, DC/DC, 120W

PART NUMBER:  
6430120

SCALE: 2:3

DO NOT SCALE THIS DRAWING

SHEET: 1 of 1