

NOTES:

1. THIS DRAWING DESCRIBES THE FUELAB 565xx SERIES MINI FUEL PRESSURE REGULATOR.
 2. FEATURES INCLUDE:
 - TWO -10AN INLET PORTS (ON EITHER SIDE OF REGULATOR)
 - ONE -10AN RETURN PORT (ON BOTTOM OF REGULATOR)
 - AVAILABLE IN PRESSURE RANGES: "C", "T", "E" AND "G"
 - BILLET ALUMINUM, STAINLESS STEEL CONSTRUCTION WITH FLUOROSILICONE DIAPHRAGM AND SEALS. PLUG AND FITTING ARE MADE OF UNPLATED BRASS.
 3. FUEL COMPATIBILITY INCLUDES:
 - GASOLINE (PUMP OR RACE)
 - METHANOL
 - ETHANOL (INCLUDING E85)
 - DIESEL
 4. UNIQUE SERIAL NUMBER DOES NOT CONTAIN DIRECT INFORMATION IN DETERMINING MODEL NUMBER. CONTACT FUELAB FOR DETERMINATION OF MODEL NUMBER BASED ON SERIAL NUMBER.
 5. BRACKET, PRESSURE ADJUSTMENT HARDWARE, BRACKET MOUNTING HARDWARE, GAUGE PORT PLUG, BARBED FITTING, 3X -906 PORT O-RINGS AND INSTRUCTIONS INCLUDED, BAGGED SEPARATELY FROM REGULATOR.
 6. REFERENCE DRAWING 1050206A1 FOR ASSEMBLY INSTRUCTIONS.
 7. SEE TABLES BELOW FOR DETERMINATION OF DESIRED MODEL NUMBER.
 8. RATED FLOW CAPACITY IS A FUNCTION OF PRESSURE SETTING AS WELL AS RETURN LINE SIZE AND CONFIGURATION THEREFORE FLOW CAPACITY MAY BE HIGHER OR LOWER, BUT REPRESENTS TYPICAL CAPACITY. REGULATION SLOPE REFERS TO CHANGES IN FUEL PRESSURE AS A FUNCTION OF CHANGES IN FLOW RATE. AS THE AMOUNT OF FUEL RUNNING THROUGH THE REGULATOR REDUCES, THE REGULATED PRESSURE WILL LOWER, SPECIFIED BY THE REGULATION SLOPE.
 9. FOR TYPICAL EFI APPLICATIONS, PRESSURE REFERENCE PORT IS PLUMBED TO THE ENGINE'S INTAKE MANIFOLD. CHANGES IN AIR PRESSURE AT THIS PORT WILL RESULT IN A CHANGE IN FUEL PRESSURE AT A RATIO OF 1:1.

MODEL NUMBER SCHEME:

56501 - c

c = COLOR CODE

STANDARD EFI FUEL
PRESSURE REGULATOR

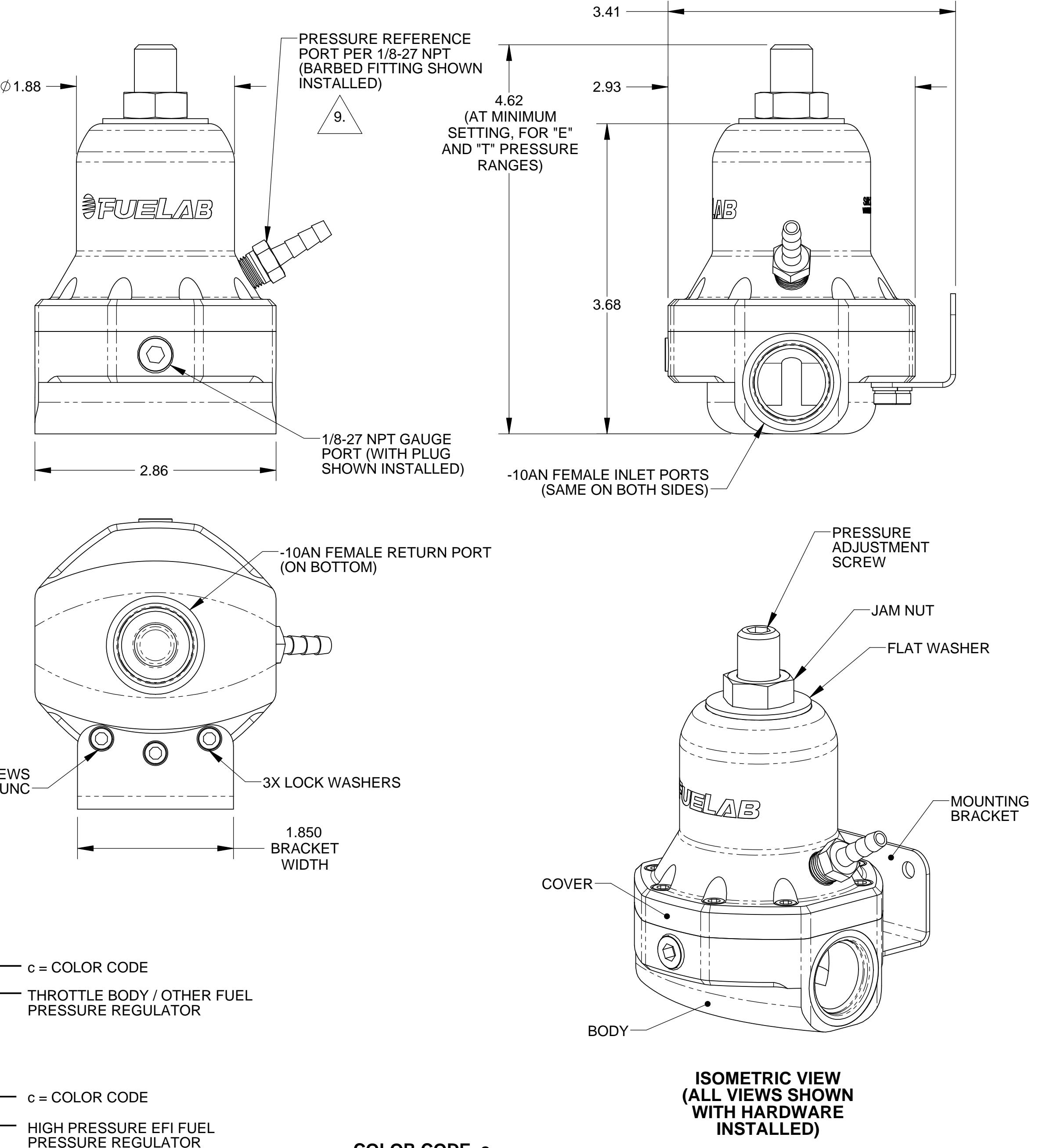
56502 - c

c = COLOR CODE

**STANDARD CARBURETED FUEL
PRESSURE REGULATOR**

PRESSURE RANGE

MODEL	APPROX. PRESSURE RANGE	APPROX. FLOW CAPACITY	REGULATION SLOPE
56501-c	25-65 PSID (1.7-4.5 Bar)	8.0 GPM (1800 LPH)	< 1 PSI/GPM
56502-c	4-12 PSID (0.28-0.82 Bar)	5.0 GPM (1100 LPH)	< 0.5 PSI/GPM
56503-c	10-25 PSID (0.7-1.7 Bar)	5.0 GPM (1100 LPH)	< 1 PSI/GPM
56504-c	40-85 PSID (2.75-5.8 Bar)	8.0 GPM (1800 LPH)	2.3 PSI/GPM



ISOMETRIC VIEW (ALL VIEWS SHOWN WITH HARDWARE INSTALLED)

COLOR CODE, c

C	COVER COLOR	BODY COLOR
1	BLACK	BLACK
2	RED	CLEAR
3	BLUE	CLEAR
4	PURPLE	CLEAR
5	GOLD	BLACK
6	GREEN	CLEAR

UNLESS OTHERWISE SPECIFIED:		
INTERPRET DWG PER ANSI Y14.5 DIMENSIONS ARE IN INCHES		
TOLERANCES: FRACTIONAL: $\pm 1/64"$ ANGULAR: $\pm 1/2^{\circ}$ DECIMALS: $.X \pm .1$ $XX \pm .03$ $XXX \pm .010$		
128 SURFACE FINISH  OR BETTER		
BREAK ALL SHARP EDGES .010 MAX REMOVE ALL BURRS		
 DO NOT SCALE DRAWING		
 Litchfield, Illinois		
TITLE:		
<h1>REGULATOR, 565xx SERIES</h1>		
SIZE	DWG. NO.	REV
C	105020600	A
SCALE:	1/1	WEIGHT: 1.4 LB
		SHEET: 1 OF 1