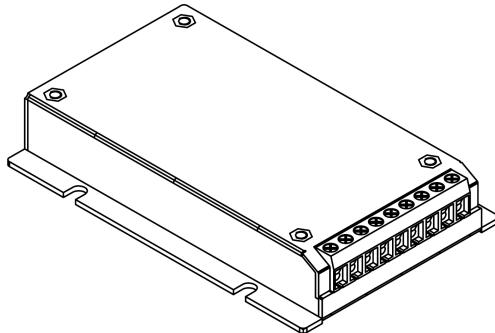
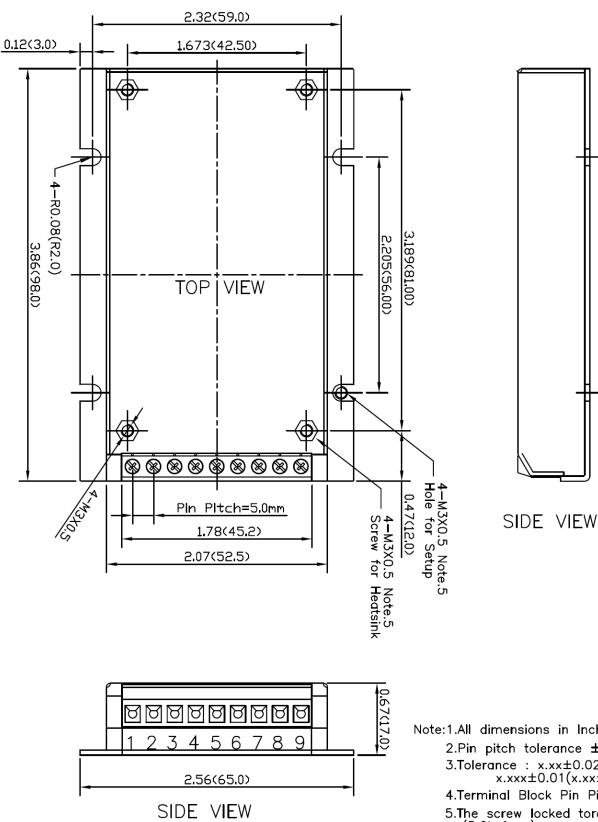


Note:

- CV Region: In normal operation. The output current in spec.
 Condition: Resistance Load > Vout / Iout (CC Point)
- CC Region: If the output load current are over rating. The output current will keep in a constant value. And output voltage will fall.
 Condition: Resistance Load < Vout / Iout (CC Point)
- Hiccup Protection: If the output resistance is become short. It will operate in hiccup protection.
 Condition: Vout < 4.3V (typ.) to Output Short. (WAF(D)150-xxxS12W,WAF(D)150-xxxS15W)
 Vout < 8.0V(typ.) to Output Short. (WAF(D)150-xxxS24W,WAF(D)150-xxxS28W)
 Vout < 13V(typ.) to Output Short. (WAF(D)150-xxxS48W)

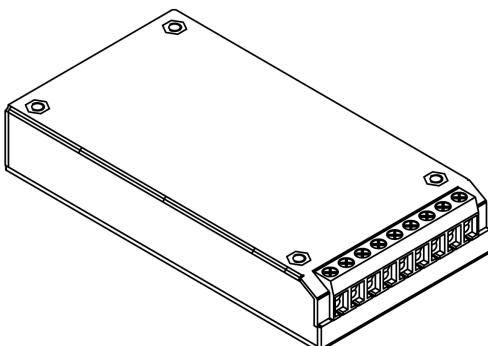
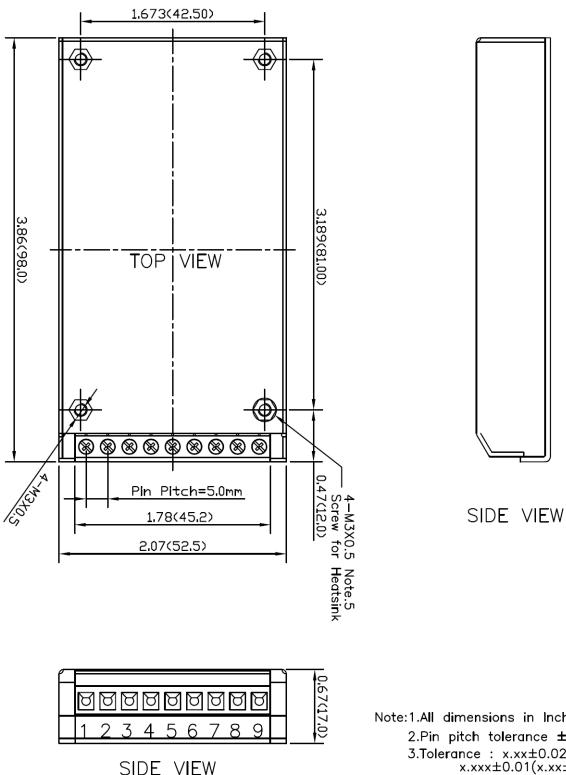
Mechanical Drawing:

WAF150 dimensions



Note:
 1. All dimensions in Inches (mm)
 2. Pin pitch tolerance $\pm 0.25\text{mm}$
 3. Tolerance : $x.xx \pm 0.02(x.x \pm 0.5)$
 $x.xxx \pm 0.01(x.xx \pm 0.25)$
 4. Terminal Block Pin Pitch:5.0mm
 5. The screw locked torque: MAX 0.49N.M
 (5.0kgf.cm)

WAD150 dimensions

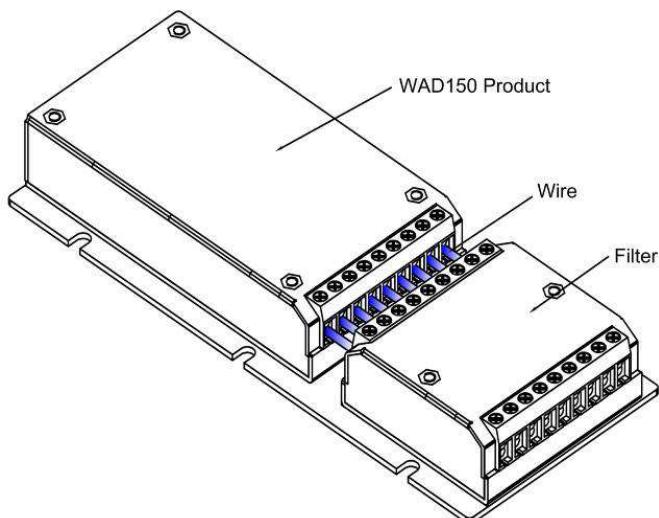
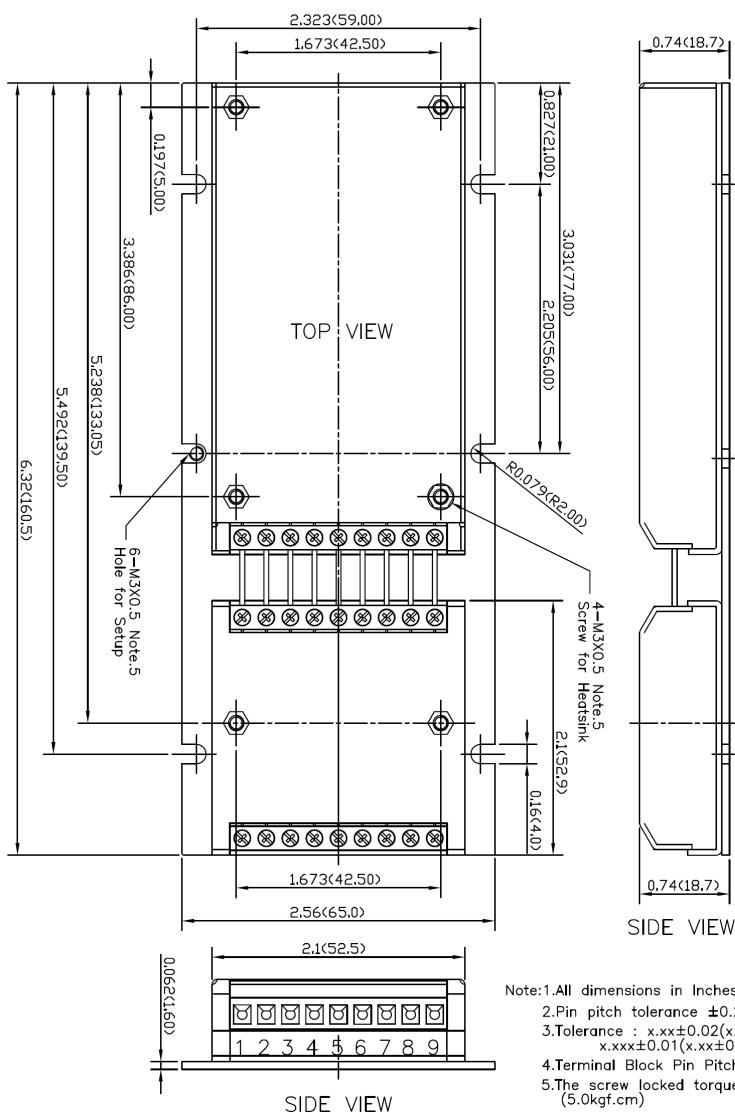


Note:
 1. All dimensions in Inches (mm)
 2. Pin pitch tolerance $\pm 0.25\text{mm}$
 3. Tolerance : $x.xx \pm 0.02(x.x \pm 0.5)$
 $x.xxx \pm 0.01(x.xx \pm 0.25)$
 4. Terminal Block Pin Pitch:5.0mm
 5. The screw locked torque: MAX 0.49N.M
 (5.0kgf.cm)

POWER MATE TECHNOLOGY

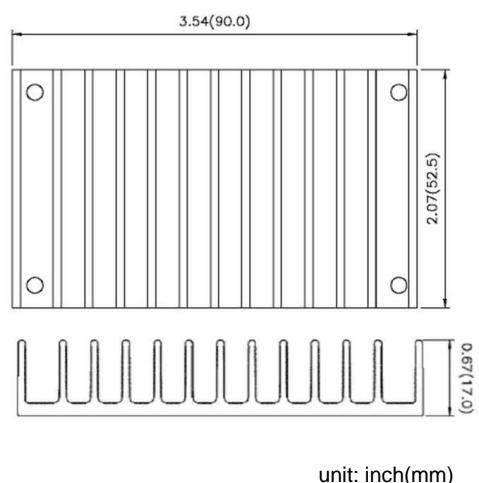
WAF & WAD150 - SERIES

WAD150 with meet EN55022 class B Filter Module dimensions



Heat-sink Type: 7G-0058A-F

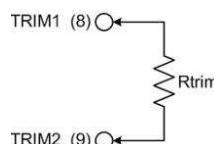
Suffix:-HC



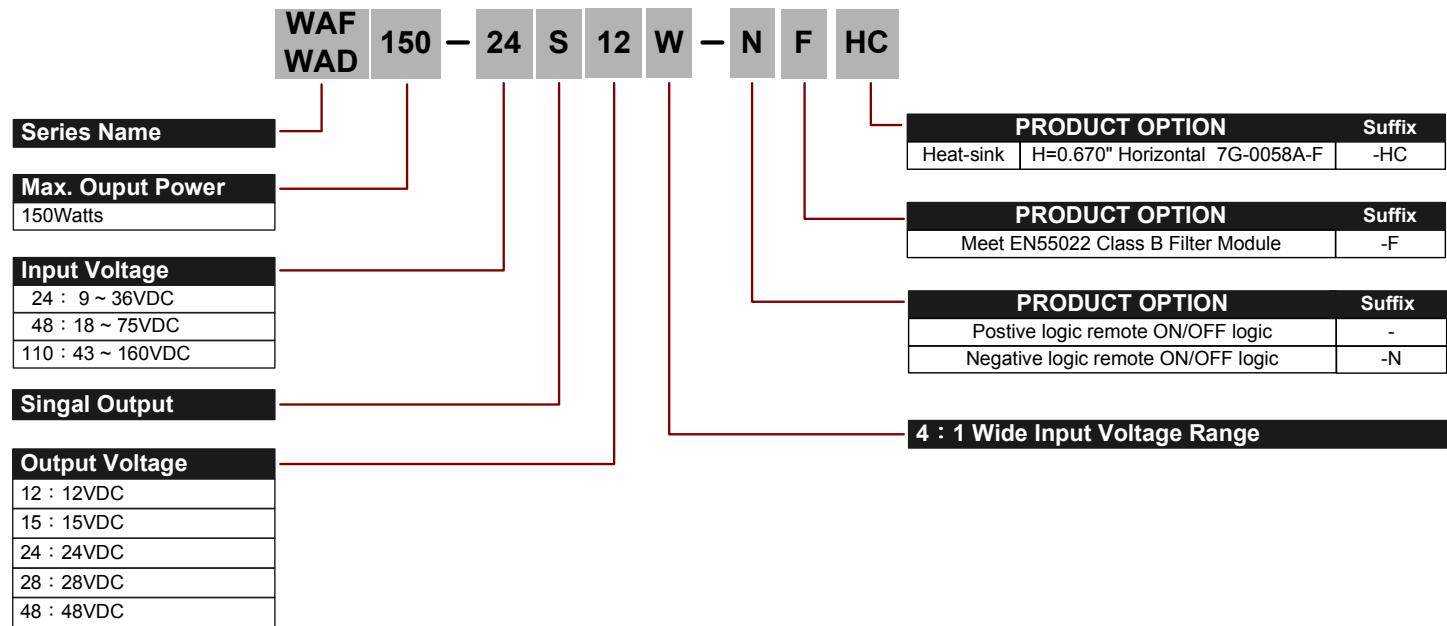
PIN CONNECTION			
PIN	Define	Recommend Matching Wire	Recommend Screwing Torque
1	+VIN	14~16AWG	0.25N.M(2.5kgf.cm)
2	+VIN	14~16AWG	0.25N.M(2.5kgf.cm)
3	-VIN	14~16AWG	0.25N.M(2.5kgf.cm)
4	-VIN	14~16AWG	0.25N.M(2.5kgf.cm)
5	CTRL	14~24AWG	0.25N.M(2.5kgf.cm)
6	+VOUT	14~16AWG	0.25N.M(2.5kgf.cm)
7	-VOUT	14~16AWG	0.25N.M(2.5kgf.cm)
8	TRIM 1	14~24AWG	0.25N.M(2.5kgf.cm)
9	TRIM 2	14~24AWG	0.25N.M(2.5kgf.cm)

EXTERNAL OUTPUT TRIMMING

Output can be externally trimmed by using the method shown below.



Part number structure:



Note: The EN55022 Class B filter module (suffix –F) for WAD150 series adds only, not for WAF150 series. (Ex: WAD150-24S24W-F)