

# AF-180D Series U Channel Switching Power Supplies

## PIN ASSIGNMENT (TERMINAL BLOCK TYPE)

### CONNECTOR 1

- AC INPUT VERSION  
(TERMINAL BLOCK TYPE)  
(3 POLES; PITCH=9.5MM; WIHTOUT CAP)
- POLE1      FG
- POLE2      NEGATIVE(-)
- POLE3      POSITIVE(+)

### CONNECTOR 2

(TERMINAL BLOCK TYPE)  
(8 POLES; PITCH=8.25MM; WITHOUT CAP)

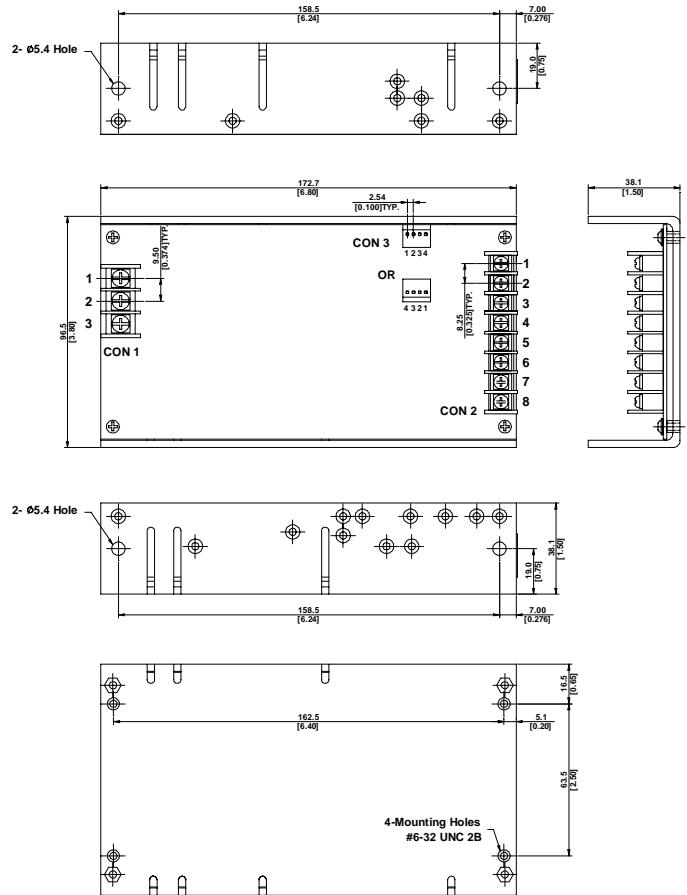
- 1 OUTPUT
- POLE1~POLE4    V1
- POLE5~POLE8    RET
- 2,3,4 OUTPUTS (V4 POSITIVE)    2,3,4 OUTPUTS (V4 NEGATIVE)
- POLE1~POLE2    V1                      POLE1~POLE2    V1
- POLE3~POLE4    RET                      POLE3~POLE4    RET
- POLE5            V2                      POLE5            V2
- POLE6            V3                      POLE6            V3
- POLE7            RET                      POLE7            V4(-)
- POLE8            V4(+)
- POLE8            V4(RET)
- POLE8            V4

### CONNECTOR 3 (OPTIONAL)

(MOLEX#22-27-2041 OR EQUIVALENT;  
MATING CONNETOR= MOLEX#22-01-3047)

- |      |    |      |     |
|------|----|------|-----|
| PIN1 | S- | PIN3 | RET |
| PIN2 | S+ | PIN4 | PG  |

## MECHANICAL DRAWING (3.8"×6.8"×1.5")



TOLERANCE:  $\frac{\text{mm}}{[\text{inch}]} \pm 0.5 / \pm 0.02$   
 UNIT:  $\frac{\text{mm}}{[\text{inch}]}$

# AF-180D Series U Channel Switching Power Supplies

## ■ PIN ASSIGNMENT (MOLEX CONNECTOR TYPE) ■ MECHANICAL DRAWING (3.8"×6.8"×1.5")

### ▲ CONNECTOR 1

#### ● AC INPUT VERSION

(MOLEX#09-65-2058 OR EQUALIVENT;  
MATING CONNECTOR= MOLEX#09-50-3051)

PIN1	FG
PIN2	NEGATIVE(-)
PIN3	NEGATIVE(-)
PIN4	POSITIVE(+)
PIN5	POSITIVE(+)

### ▲ CONNECTOR 2

(MOLEX#09-65-2158 OR EQUALIVENT;  
MATING CONNECTOR= MOLEX#09-08-50-3151)

#### ● 1 OUTPUT

PIN1~PIN8	V1
PIN9~PIN15	RET

#### ● 2,3,4 OUTPUTS (V4 POSITIVE)    2,3,4 OUTPUTS (V4 NEGATIVE)

PIN1~PIN4	V1	PIN1~PIN4	V1
PIN5~PIN10	RET	PIN5~PIN10	RET
PIN11	V2	PIN11	V2
PIN12	V3	PIN12	V3
PIN13	RET	PIN13	V4(-)
PIN14~PIN15	V4(+)	PIN14~PIN15	RET

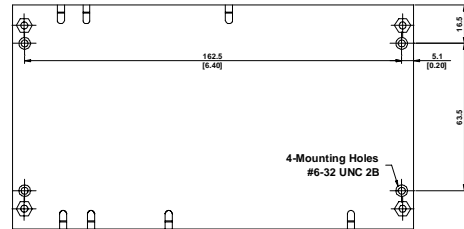
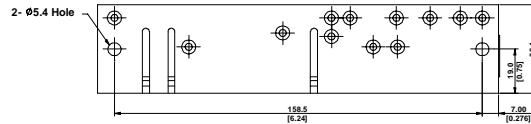
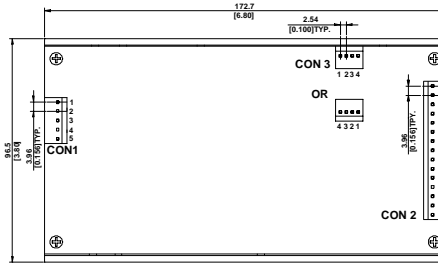
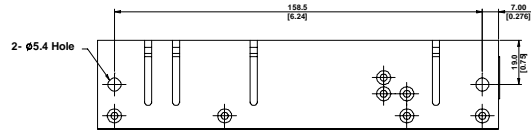
#### ● 2,3,4 OUTPUTS (V4 ISOLATED)

PIN1~PIN4	V1
PIN5~PIN10	RET
PIN11	V2
PIN12	V3
PIN13	V4 RET
PIN14~PIN15	V4

### ▲ CONNECTOR 3 (OPTIONAL)

(MOLEX#22-27-2041 OR EQUIVALENT;  
MATING CONNECTOR= MOLEX#22-01-3047)

PIN1	S-	PIN3	RET
PIN2	S+	PIN4	PG



TOLERANCE: mm +/-0.5  
                  [inch] +/-0.02  
UNIT: mm  
          [inch]