



## OUTPUT VOLTAGE/ CURRENT RATINGS CHART

### SINGLE OUTPUT

| MODEL NO.      | VO1 ★@<br>TYP. VOLT. |
|----------------|----------------------|
| HAS10G-S033250 | 2.50A +3.3V          |
| HAS10G-S050200 | 2.00A +5.0V          |
| HAS10G-S090111 | 1.11A +9.0V          |
| HAS10G-S120085 | 0.85A +12.0V         |
| HAS10G-S150067 | 0.67A +15.0V         |
| HAS10G-S240041 | 0.41A +24.0V         |

### DUAL OUTPUT

| MODEL NO.   | VO1 ★@<br>TYP. VOLT. | VO2●<br>TYP. VOLT. |
|-------------|----------------------|--------------------|
| HAS10-D050E | 1.00A +5V            | 1.00A -5V          |
| HAS10-D050I | 1.00A +5V            | 0.42A +12V         |
| HAS10-D120I | 0.42A +12V           | 0.42A -12V         |
| HAS10-D150K | 0.34A +15V           | 0.34A -15V         |
| HAS10-D033E | 1.51A +3.3V          | 1.00A -5V          |

### TRIPLE OUTPUT

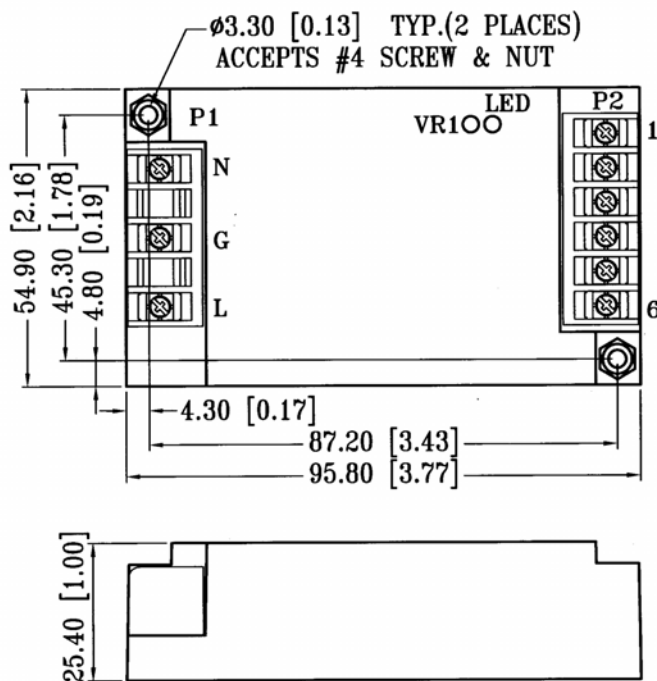
| MODEL NO.    | VO1 @ ★<br>TYP. VOLT. | VO2 ●<br>TYP. VOLT. | VO3 ●<br>TYP. VOLT. |
|--------------|-----------------------|---------------------|---------------------|
| HAS10-T033II | 1.51A +3.3V           | 0.10A +12V          | 0.10A -12V          |
| HAS10-T050II | 1.50A +5.0V           | 0.10A +12V          | 0.10A -12V          |
| HAS10-T050KK | 1.40A +5.0V           | 0.10A +15V          | 0.10A -15V          |

Symbols: "★" OVP built-in. "@" Adjustable. "●" Installed with Post Regulator (P.R.).

Note: (1) Max. (maximum load) is the continuous operating load of each rail,  
but the max. load of each rail can not be drawn from all outputs at the same time.

## MECHANICAL DIMENSIONS: MM [INCHES]

WEIGHT: 177.5g (6.26 Oz.)



## PIN ASSIGNMENT

| PIN NO. | SINGLE O/P    | DUAL O/P(-VO2) | DUAL O/P(+VO2) | TRIPLE O/P    |
|---------|---------------|----------------|----------------|---------------|
| P1-1    | L             | L              | L              | L             |
| P1-3    | N             | N              | N              | N             |
| P1-2    | G             | G              | G              | G             |
| P2-1    | REMOTE ON/OFF | REMOTE ON/OFF  | REMOTE ON/OFF  | REMOTE ON/OFF |
| P2-2    | DC COM        | VO2            | DC COM         | +VO1RET       |
| P2-3    | DC COM        | DC COM         | DC COM         | +VO1          |
| P2-4    | VO1           | DC COM         | VO1            | +VO3          |
| P2-5    | VO1           | VO1            | VO2            | DC COM        |
| P2-6    | NC            | NC             | NC             | VO2           |

## DERATING CHART

