



## Reverse Protection & ON/OFF Module, RPT-ICT-003

### PRODUCT FEATURES

- Wide input range 5~36VDC
- Protections : Reverse voltage  
Option : Short circuit / Voltage
- Five-sided shield metal case
- High reliability
- 2 years warranty



### INPUT CHARACTERISTICS

|                                  |                                      |
|----------------------------------|--------------------------------------|
| INPUT VOLTAGE RANGE              | 5 ~ 36VDC                            |
| REVERSE VOLTAGE                  | -60V Max.                            |
| REVERSE INPUT CURRENT@VCC=-60V   | 2mA Max.                             |
| SUPPLY CURRENT @Vin=30V, Ta=25°C | 30 uA Max. @EN=L<br>2.0mA Max. @EN=H |

### OUTPUT CHARACTERISTICS

|                              |                                  |
|------------------------------|----------------------------------|
| CONTINUOUS CURRENT           | 6A Max.                          |
| PULSE CURRENT                | 30A for 1mS @Vds=30V             |
| SURGE PROTECTION@80V Input   | Limited to 58V for 1mS with 3.4A |
| DROP VOLTAGE@6A-load         | 70mV Max.                        |
| REVERSE LEAKAGE CURRENT@-60V | 1uA Max @25 deg.                 |

### GENERAL CHARACTERISTICS

|                                |                              |
|--------------------------------|------------------------------|
| ENABLE VOLTAGE                 | 2.1V Min.                    |
| DISABLE VOLTAGE                | 0.4V Max.                    |
| INTERNAL CAPACITANCE OF INRUSH | 6.8nF FROM INRUSH PIN TO GND |
| FAULT DELAY TIME               | 30mS Approximately           |

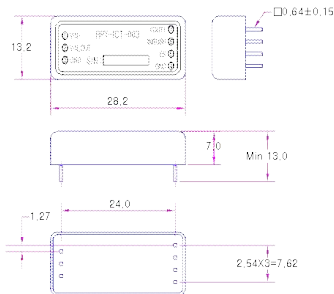


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GENERAL CHARACTERISTICS

|                       |                              |
|-----------------------|------------------------------|
| OPERATING TEMPERATURE | -40 ~ +85°C                  |
| STORAGE TEMPERATURE   | -65 ~ +105°C                 |
| HUMIDITY              | 90%                          |
| WEIGHT                | 9 g Max.                     |
| SIZE                  | 28.2(L) X 13.2(W) X 7.0(H)mm |

MECHANICAL DIMENSIONS



-NOTE-

Unit : mm

Tolerances : -0.0mm, +0.5mm