

FEATURES

- ◆ 24
- ◆ * 80%
- ◆ : -40°C +85°C
- ◆ ()
- ◆ 3
- ◆ ()

MODEL SELECTION

WRE^①12^②05^③Y^④D^⑤-3W^⑥

- ①
- ③
- ⑤
- ②
- ④ (2:1)
- ⑥

*

PRODUCT PROGRAM

| | | | | | | | | (%,) |
|------|----|-----|-------|-----|-----|------|-----|-------|
| | | () | | | (A) | | | |
| | | () | () | () | () | () | () | |
| 1205 | -3 | 12 | 9-18 | 22 | ±5 | ±300 | ±30 | 74 |
| 1212 | -3 | 12 | 9-18 | 22 | ±12 | ±125 | ±12 | 78 |
| 1215 | -3 | 12 | 9-18 | 22 | ±15 | ±100 | ±10 | 79 |
| 1205 | -3 | 12 | 9-18 | 22 | 5 | 600 | 60 | 74 |
| 1209 | -3 | 12 | 9-18 | 22 | 9 | 333 | 33 | 76 |
| 1212 | -3 | 12 | 9-18 | 22 | 12 | 250 | 25 | 78 |
| 1215 | -3 | 12 | 9-18 | 22 | 15 | 200 | 20 | 77 |
| 1224 | -3 | 12 | 9-18 | 22 | 24 | 125 | 12 | 80 |
| 2405 | -3 | 24 | 18-36 | 40 | ±5 | ±300 | ±30 | 77 |
| 2409 | -3 | 24 | 18-36 | 40 | ±9 | ±167 | ±16 | 78 |
| 2412 | -3 | 24 | 18-36 | 40 | ±12 | ±125 | ±12 | 79 |
| 2415 | -3 | 24 | 18-36 | 40 | ±15 | ±100 | ±10 | 80 |
| 2405 | -3 | 24 | 18-36 | 40 | 5 | 600 | 60 | 77 |
| 2409 | -3 | 24 | 18-36 | 40 | 9 | 333 | 33 | 78 |
| 2412 | -3 | 24 | 18-36 | 40 | 12 | 250 | 25 | 79 |
| 2415 | -3 | 24 | 18-36 | 40 | 15 | 200 | 20 | 80 |
| 4805 | -3 | 48 | 36-72 | 80 | 5 | 600 | 60 | 77 |
| 4812 | -3 | 48 | 36-72 | 80 | 12 | 250 | 25 | 79 |
| 4815 | -3 | 48 | 36-72 | 80 | 15 | 200 | 20 | 80 |

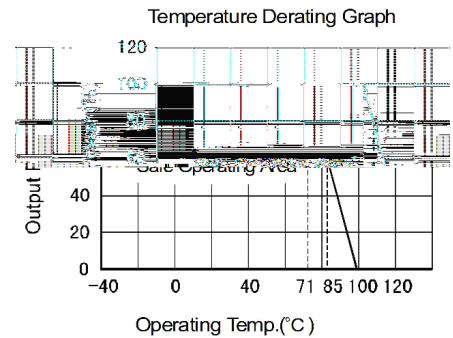


CE REACH
MICRODC RESERVES THE COPYRIGHT

COMMON SPECIFICATIONS

| | | | | | |
|-------|----------|-----|------|-------|------|
| | | () | () | | |
| | | 0.3 | | 3 | |
| | | | ±1 | ±3 | % |
| | | | ±3 | ±5 | % |
|) | 10% 100% | | ±0.5 | ±1* | % |
|) () | | | ±0.2 | ±0.5 | % |
| () | | | | ±0.03 | %/°C |
| & ** | 20(B | | 50 | 100 | - |
| | 100% | | 300 | | |
| * | : ±5% | | | | |
| ** | : " | | | | |

TYPICAL CHARACTERISTICS



APPLICATION NOTE

1) Requirement On Output Load

10% *

2) Recommended Circuit

A -3 & -3

(1).

(1).

: : 12 100

24 & 48 10 -47

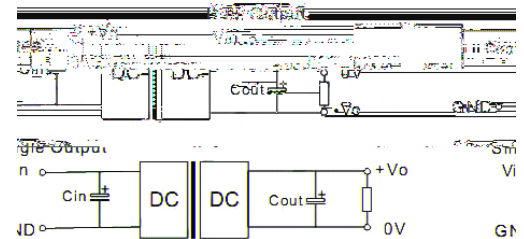
: 10 /100 A

3) Input Current

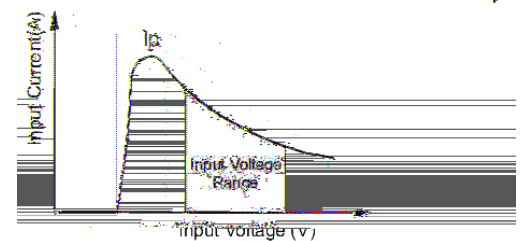
* 1.4* - (: : 2)

4) No parallel connection or plug and play

RECOMMENDED CIRCUIT



(Figure 1)



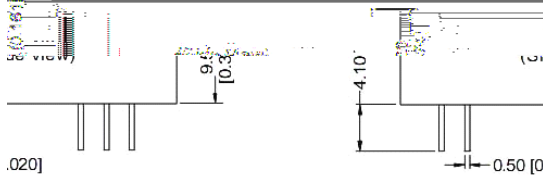
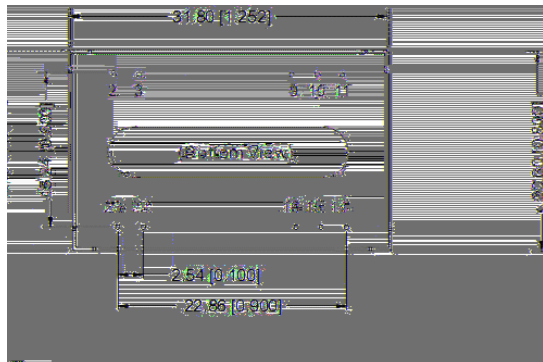
A) A A AB) (AB) 1)

Output External Capacitor Table (Table 1)

| () | () | () | () |
|-----|------|-----|-----|
| 5 | 1000 | ±5 | 680 |
| 9 | 680 | ±9 | 470 |
| 12 | 470 | ±12 | 330 |
| 15 | 330 | ±15 | 220 |
| 24 | 220 | - | - |

OUTLINE DIMENSIONS & FOOTPRINT DETAILS

MECHANICAL DIMENSIONS



Note:
Unit:mm/Inch
For detail refer to

General tolerances $\pm 0.25\text{mm}$ [$\pm 0.010\text{inch}$]

FOOTPRINT DETAILS

| Pin | Single | Dual |
|-------|--------|------|
| 2,3 | GND | GND |
| 9 | NC | 0V |
| 10,15 | NC | NC |
| 11 | NC | -Vo |
| 14 | +Vo | +Vo |
| 16 | 0V | 0V |
| 22,23 | Vin | Vin |

NC:No connection

RECOMMENDED FOOTPRINT(TOP VIEW)