



ZPMV2.E111321 - Wiring, Printed - Component

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[See General Information for Wiring, Printed - Component](#)

MERLIN CIRCUIT TECHNOLOGY LTD

E111321

Hawarden Industrial Park
 Manor Ln
 Deeside, FLINTSHIRE CH5 3QZ UNITED KINGDOM

| Type | Cond Width | | Cond Thk mic(mil) | SS/ DS/ DSO | Max | Max | | Meets UL796 Class | C Flame | C Temp | C DSR | C T I |
|--|---------------|-----------------------|----------------------|-------------------|------------------------|-----------------------|-------------------|-------------------------|------------|-----------|----------|-------------|
| | Min mm(in) | Min Edge mm(in) | | | Area Diam mm(in) | Solder Limits C | Oper Temp C | | | | | |
| Multilayer printed wiring board made from prefabricated type (mass laminated) industrial laminates. | | | | | | | | | | | | |
| 2 | 0.2 (0.008) | 0.61 (0.024) | 16.5 (0.65) | DS | 25.4 (1.0) | 260 | 2 | 105 | V-0 | All | | * |
| Multilayer printed wiring boards. | | | | | | | | | | | | |
| 10 | 0.078 (0.003) | 0.234 (0.009) | 12 (0.47) Int:70 | DS | 152.4 (6.0) | 280 | 15 | 130 | V-0 | All | | 3 |
| 12 | 0.10 (0.004) | 0.10 (0.004) | 12 (0.47) | SS | 152.4 (6.0) | - | - | 130 | V-0 | All | | 3 |
| | | | | | | 280 | 15 | | | | | |
| 6 | 0.125 (0.005) | 0.125 (0.005) | 16 (0.63) Int:100 | DS | 9.4 (0.4) | 255 | 5 | 130 | V-0 | All | | 2 |
| 8 | 0.06 (0.002) | 0.05 (0.002) | 16 (0.63) Int:70 | DS | 76 (3.0) | 280 | 15 | 130 | V-0 | ▲ | | * |
| 8A | 0.078 (0.003) | 0.078 (0.003) | 16 (0.63) Int:70 | DS | 152.4 (6.0) | 280 | 15 | 130 | V-0 | All | | * |
| 8B | 0.08 (0.003) | 0.08 (0.003) | 12 (0.47) Int:70 | DS | 152.4 (6.0) | 280 | 15 | 130 | V-0 | All | | 3 |
| Single layer printed wiring boards. | | | | | | | | | | | | |
| 11 | 0.10 (0.004) | 0.10 (0.004) | 12 (0.47) | SS | 152.4 (6.0) | - | - | 130 | V-0 | All | | 3 |
| | | | | | | 280 | 15 | | | | | |
| 4 | 0.125 (0.005) | 0.125 (0.005) | 16 (0.63) | DS | 9.4 (0.4) | 255 | 5 | 130 | V-0 | All | | 2 |
| 5 | 0.125 (0.005) | 0.125 (0.005) | 16 (0.63) | DS | 9.4 (0.4) | 255 | 5 | 130 | V-0 | All | | 2 |
| 7 | 0.06 (0.002) | 0.05 (0.002) | 16 (0.63) | DS | 76 (3.0) | 280 | 15 | 130 | V-0 | All | | 3 |
| 9 | 0.06 (0.002) | 0.05 (0.002) | 16 (0.63) | DS | 76 (3.0) | 280 | 15 | 130 | V-0 | ▲ | | * |

NOTE - A PCB marked with a solid black triangle meets the Direct Support Requirements, as detailed in UL796

* - CTI marking is optional and may be marked on the printed wiring board.

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