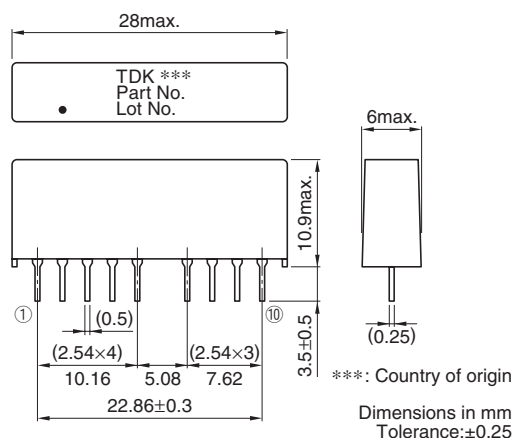


TLA-3M601-RS ISO8802.3(IEEE802.3) 10BASE-T

FEATURES

- Lead free product.
- 10-pin(2.54mm pitch) SIP package.
- Pulse transformer, common-mode choke and low pass filter are integrated into 10-pin SIP package.
- Using the high-quality and wide-band ferrite cores for LAN.
- Thin($t=6\text{mm max.}$) and low profile($H=10.9\text{mm max.}$).

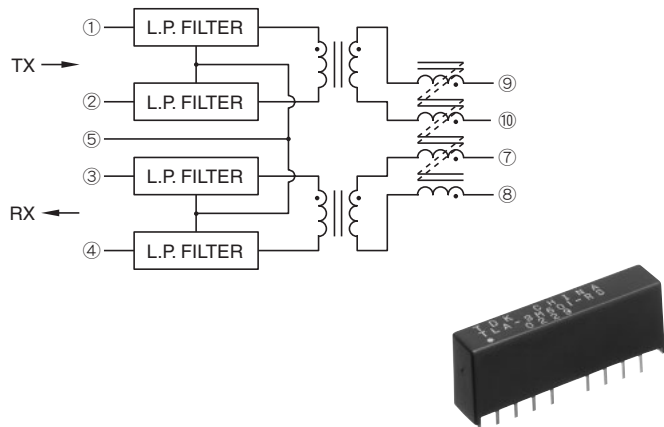
SHAPES AND DIMENSIONS



GENERAL SPECIFICATIONS

| | | |
|----------------------|------------------|--------------|
| Low pass filter | 2 | |
| Pulse transformer | 2 | |
| Common-mode choke | 1 | |
| Port | 1 | |
| Temperature ranges | Operating | 0 to +70°C |
| | Storage | -40 to +85°C |
| Withstanding voltage | Erms: 1500V[60s] | |

CIRCUIT DIAGRAM



ELECTRICAL CHARACTERISTICS

| Part No. | Insertion loss (dB)max.[5 to 10MHz] | Attenuation (dB)min.[30 to 100MHz] | Impedance (Ω)typ.[5 to 10MHz] | C.M.R.R. (dB)min.[30 to 100MHz] |
|--------------|--|---------------------------------------|---|------------------------------------|
| | ①②-⑨⑩ ⑦⑧-③④ | ①②-⑨⑩ ⑦⑧-③④ | ①-②, ⑨-⑩ ③-④, ⑦-⑧ | ①②-⑨⑩ ③④-⑦⑧ |
| TLA-3M601-RS | 1 | 25 | 100, 100 | 30 |
| | 1 | 25 | 100, 100 | 30 |

- $T_a=25^\circ\text{C}$