

TELEPHONE SET AND TERMINAL PROTECTION

| Application | Type | Description | Package |
|---|--|--|--|
| Pulse dialer telephone set PABX FAX | TPA120/TPA270 SMTPA120/SMTPA270 TPB120/TPB270 SMTPB120/SMTPB270 LS5120B THBT15011/THBT15012 TPP25011/TPP25012 TSI120B5/TSI270B5 | Trisil 50A 10/1000µs Trisil 50A 10/1000µs Trisil 100A 10/1000µs Trisil 100A 10/1000µs Trisil 100A 10/1000µs Tripolar Trisil 30A 10/1000µs Unidirectional gate triggered Transient suppressor 30A 10/1000µs Diode Bridge + Trisil | F126 SOD 6 CB429 SOD 15 DIL 8 SO8 / DIL 8 SO8 / DIL 8 SO-16 |
| DTMF telephone set MODEM | TPA62A12 SMTPA62 TPB62A12 SMTPB62A12 LS5060B TPP25011/TPP25012 | Trisil 50A 10/1000µs Trisil 50A 10/1000µs Trisil 100A 10/1000µs Trisil 100A 10/1000µs Trisil 100A 10/1000µs Unidirectional gate triggered Transient suppressor 30A 10/1000µs | F126 SOD 6 CB429 SOD 15 DIL 8 SO8 / DIL 8 |

LINE CARD PROTECTION

| Application | Type | Description | Package |
|--|--|---|--|
| Ringer relay | THBT15011/THBT15012 THBT20011/THBT20012 THBT200S THBT27011/THBT27012 | Tripolar Trisil 150V Tripolar Trisil 200V Dual bidirectional Trisil 200V Tripolar Trisil 270V | SO8 / DIL 8 SO8 / DIL 8 SIL 3 SO8 / DIL 8 |
| Slic with integrated Ring generator | L3121B | Unidirectional gate triggered Transient suppressor | SIL 4 |
| Slic with external Ring generator | LCP150S LCP1511/LCP1512 THDT5111/THDT5112 THDT58S THDT6511/THDT6512 SMTHDT58 SMDT65/80/120 | Dual asymmetrical gate triggered Transient suppressor Dual asymmetrical gate triggered Transient suppressor Dual asymmetrical Trisil 51V Dual asymmetrical Trisil 58V Dual asymmetrical Trisil 65V Asymmetrical Trisil 58V Asymmetrical Trisil 65V, 80V, 120V | SIL 4 SO8 / DIL 8 SO8 / DIL 8 SIL 3 SO8 / DIL 8 SOD 15 SOD 6 |

ISDN INTERFACES PROTECTION

| Application | Type | Description | Package |
|------------------------------|--|--|---|
| U interfaces S interfaces | SMTHDT58/SMTHDT120V SMDT65/80/120 TPI8011N/ TPI8012N TPI12011N/ TPI12012N | Asymmetrical Trisil 58V, 120V Asymmetrical Trisil 65V, 80V, 120V Triple Low-capacitance Trisil 80V Triple Low-capacitance Trisil 120V | SOD 15 SOD 6 SO8 / DIL 8 SO8 / DIL 8 |

See page 245 for detailed specification.

PROTECTION CIRCUITS

SOLID STATE SURGE ARRESTOR FOR PRIMARY PROTECTION

| Application | Type | Description | Package |
|------------------------|--|---|---|
| Central office PABX | SA100-xxx SMA100-xxx TPB200S TPB2455 TPB2655 | Bidirectional Trisil - V_{BR} from 200V to 300V - $I_{PP} = 100A$ 10/1000 μs | BUTTON CELLS SOD 15 CB429 CB429 CB429 |