

Fast Recovery Rectifier Diode

SKR 48F

Features

- High speed recovery time
- Low forward voltage drop
- High peak current capability
- High reverse voltage capability
- Low reverse leakage current
- High reliability

Typical Applications

- Power supply rectification
- Motor drive
- Inverter
- Switching power supply

| | | | | |
|------------------|------------------|---|--|--|
| 6 _{B9C} | 6 _{BBC} | ? _{DBC9} E F< . Ž(%&f(: (8%\$! 'fl# žfl! "fl: fl: 7 fl/! #%ffl! , | | |
| 6 | 6 | ? _{D,6} E 2G . Ž7fl 04G5HI 5 J KHL ₂ E GI M, | | |
| 4555 | 4555 | 9NB 2GD45 | | |
| 4<55 | 4<55 | 9NB 2GD4< | | |

| Symbol | Conditions | Values | Units |
|------------------|--------------------------------------|---------|-------|
| ? _{D,6} | 7fl 04G5HL ₂ E GI Ž455, M | 2G Ž24, | |
| ? _{D9C} | | | |



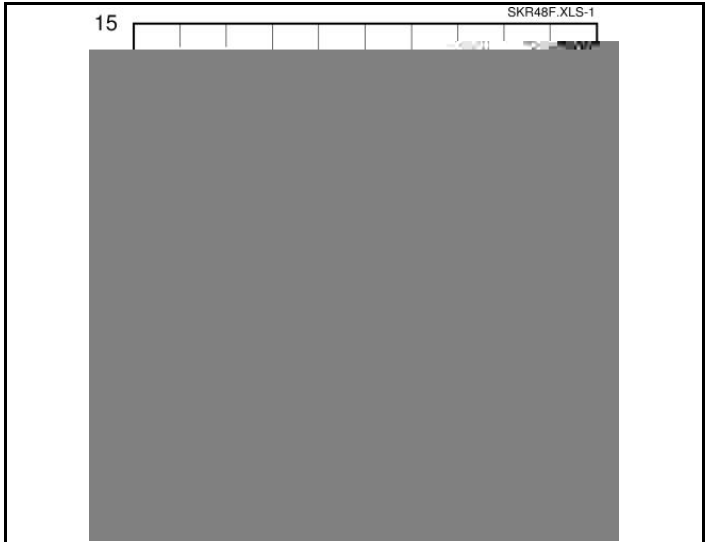


Fig. 1 Typ. recovery charge vs. current decrease

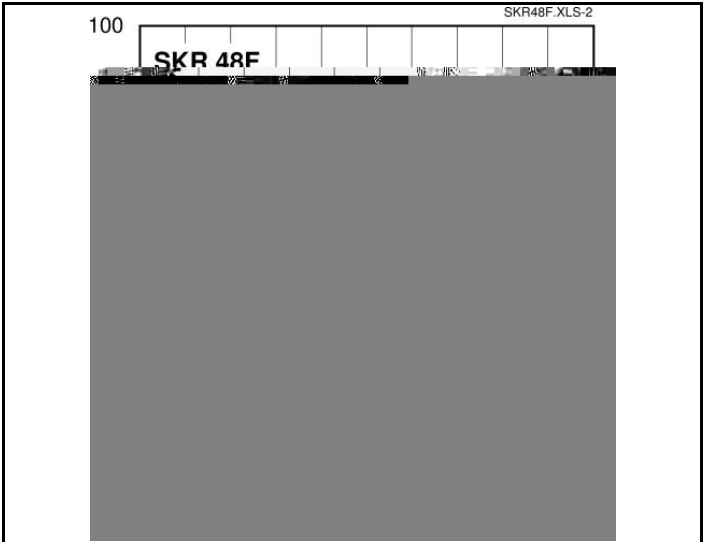


Fig. 2 Peak recovery current vs. current decrease

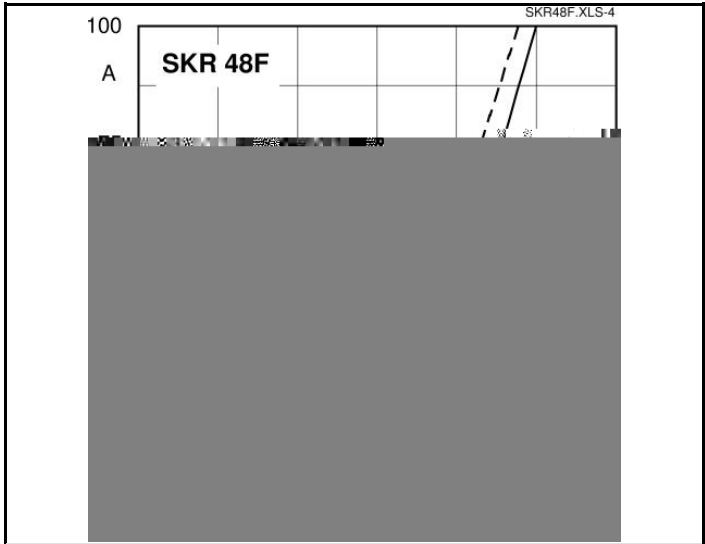


Fig. 4 Forward characteristics

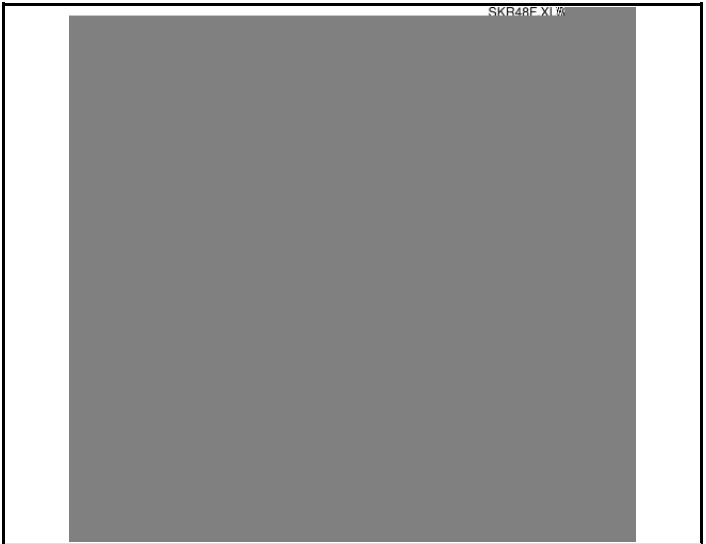
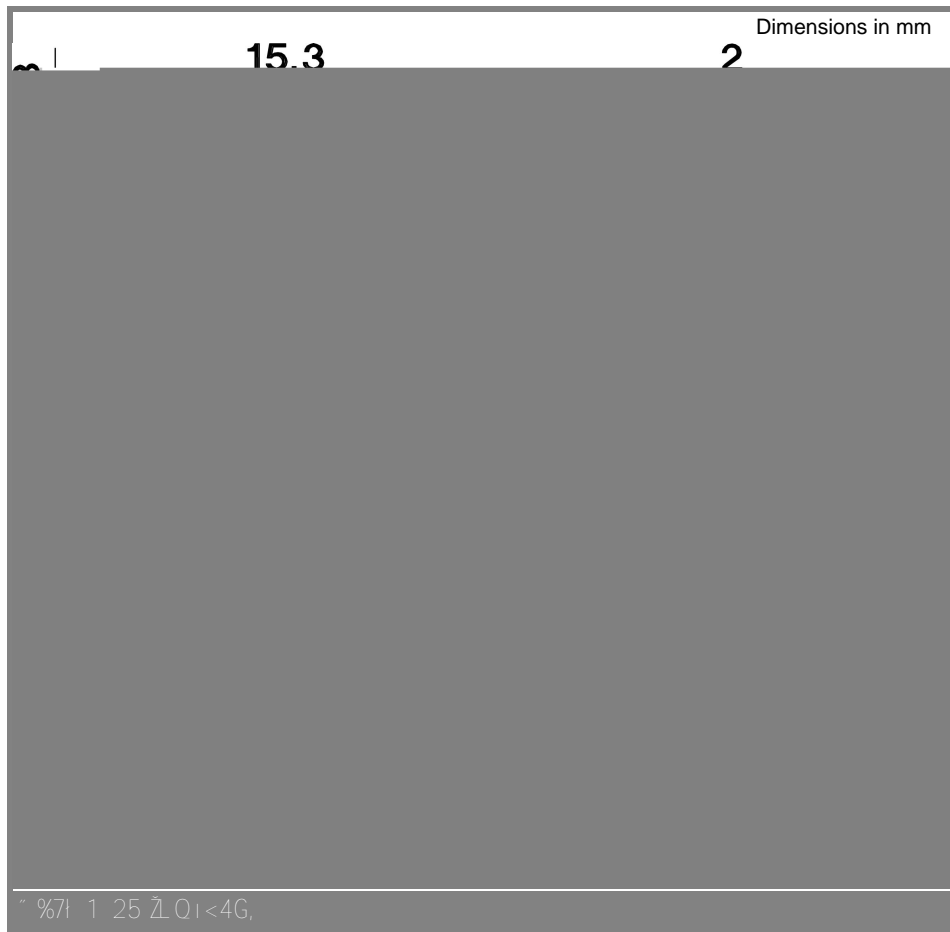


Fig. 6 Typ. reverse recovery characteristics



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