



CHENMKO ENTERPRISE CO.,LTD

CHS240N4GP

Halogens free devices

SURFACE MOUNT

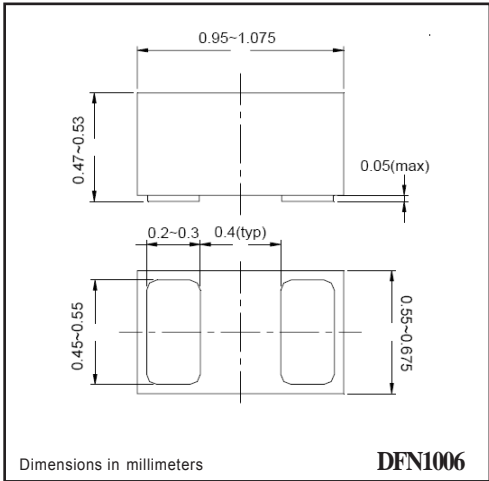
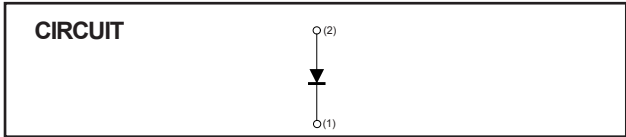
SCHOTTKY BARRIER DIODE

VOLTAGE 4€ Volts CURRENT 0.6 Ampere

FEATURE
 * Extremely small surface mounting type. (DFN1006)
 * Io=200mA guaranteed despite size

CONSTRUCTION
 * Silicon epitaxial planar

DFN1006



MAXIMUM RATINGS (At TA = 25°C unless otherwise noted)

| RATINGS | SYMBOL | CHS240N4GP | UNITS |
|--|--------|-------------|-------|
| Maximum Recurrent Peak Reverse Voltage | VRRM | 40 | Volts |
| Maximum RMS Voltage | VRMS | 28 | Volts |
| Maximum DC Blocking Voltage | VDC | 40 | Volts |
| Maximum Average Forward Rectified Current | Io | 0.25 | Amps |
| Peak Forward Surge Current at 8.3 mSec single half sine-wave | IFSM | 5.0 | Amps |
| Maximum Operating Temperature Range | TJ | -65 to +150 | °C |
| Storage Temperature Range | TSTG | -65 to +150 | °C |

ELECTRICAL CHARACTERISTICS (At TA = 25°C unless otherwise noted)

| CHARACTERISTICS | SYMBOL | CHS240N4GP | UNITS |
|---|--------|--------------------------------------|-------|
| Maximum Instantaneous Forward Voltage at IF= 0.1mA IF= 1 mA IF= 10mA IF= 100mA IF= 200mA | VF | 0.21 0.28 0.35 0.49 0.59 | Volts |
| Maximum Average Reverse Current at VR= 25V VR= 40V | IR | 0.5(Typ) 10 | uAmps |

RATING CHARACTERISTIC CURVES (CHS240N4GP)

