

HVM16

Variable Capacitance Diode for FM tuner

REJ03G0519-0600 (Previous: ADE-208-086E) Rev.6.00 Feb 17, 2005

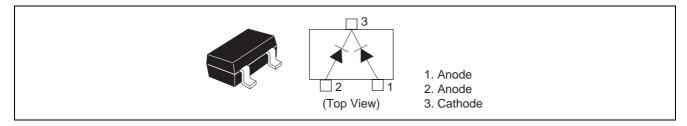
Features

- Worked by 8V, suitable for small manufacture sources of electric power.
- MPAK package is suitable for high density surface mounting and high speed assembly.

Ordering Information

Type No.	Laser Mark	Renesas Code	Previous Code
HVM16	Т3	PLSP0003ZC-A	MPAK

Pin Arrangement





Absolute Maximum Ratings

 $(Ta = 25^{\circ}C)$

Item	Symbol	Value	Unit
Reverse voltage	V _R	14	V
Junction temperature	Tj	125	°C
Storage temperature	Tstg	–55 to +125	O°

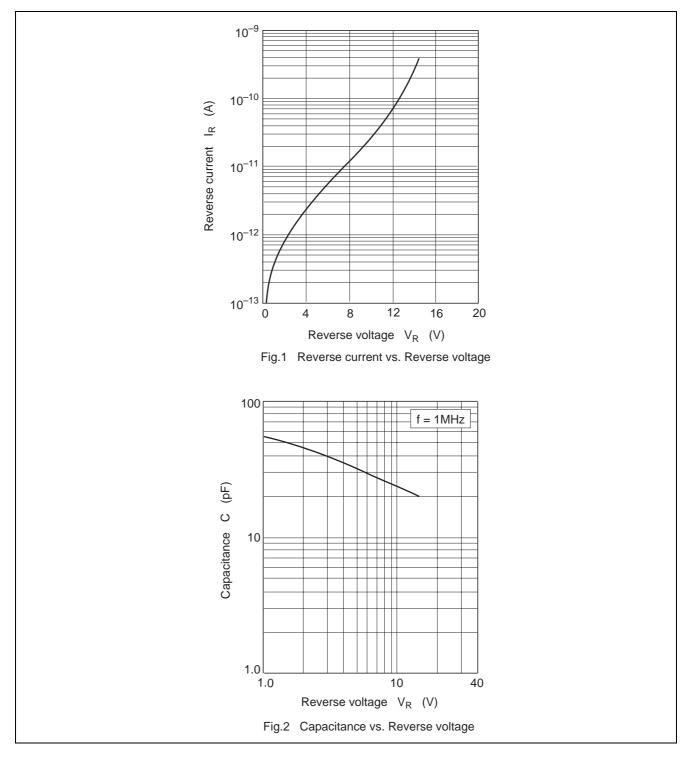
Electrical Characteristics *

 $(Ta = 25^{\circ}C)$ Symbol **Test Condition** Item Min Max Unit Тур I_R = 10 μA Reverse voltage V_{R} 14.0 V — — _ V_R = 9 V Reverse current 50.0 nA I_R — Capacitance C_2 43.0 _ 48.1 pF V_R = 2 V, f = 1 MHz C_8 24.6 — 29.2 V_R = 8 V, f = 1 MHz Capacitance ratio 1.65 1.75 n C_2/C_8 ____ Figure of merit Q 75.0 V_R = 2 V, f = 100 MHz _ _ —

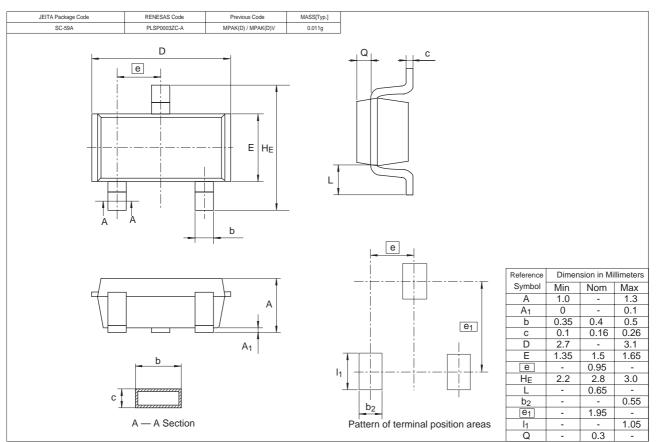
Note: Per one device.



Main Characteristic



Package Dimensions





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