

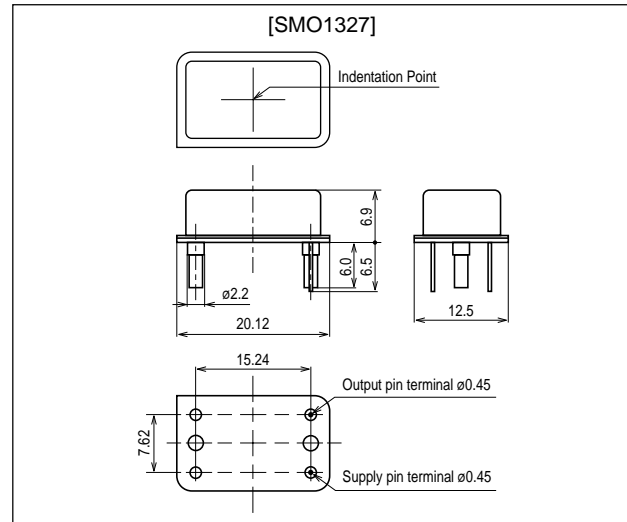
**SMO1327****Data Communications Oscillation Module****Use**

- For data communication oscillation module.

**Package Dimensions**

unit : mm

1315

**Specifications****Absolute Maximum Ratings** at Ta=25°C

Parameter	Symbol	Conditions	Ratings	Unit
Operating Voltage	$V_D$		6	V
Operating Temperature	$T_{opr}$		-30 to +60	°C
Storage Temperature	$T_{stg}$		-40 to +80	°C

**Electrical Characteristics** at Ta=25°C

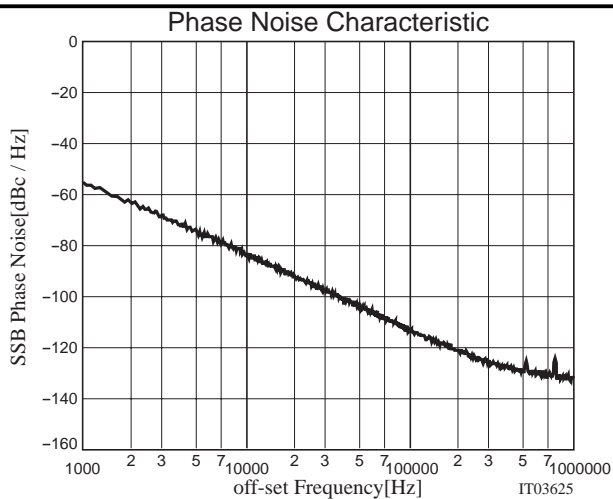
Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Oscillating Frequency	fo	VD=5V	13200±0.40			MHz
Output Power	Po	VD=5V	6.0	9.0		dBm
Operating Current	ID	VD=5V		40.0	50.0	mA
Voltage Stability	ΔfV	VD=5±0.1V	Within ±0.3			MHz
Temperature Stability	ΔfT	VD=5V, -30°C to +60°C	Within ±3.0			MHz
Load Stability	ΔfL	VD=5V, VSWR : 1.5	Within ±1.5			MHz
		VD=5V, VSWR : 3.0	Neither oscillation stop nor jump observed			
Phase Noise	Np	VD=5V, off-carrier : 100kHz		-105	-90	dBc / Hz
		VD=5V, off-carrier : 10kHz		-85	-70	

\*1 Reference temperature : +25°C

\*2 Otherwise specified DUT (Load VSWR : 1.0) is used in measurement.

\*3 All values above are for reference. Contact your local SANYO sales for your requiring specifications.

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