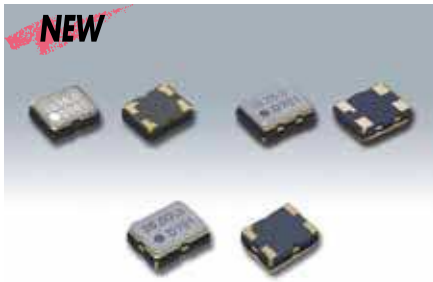


SMD TCXO

DSB211SLB/DSB221SLB/DSB321SLB



Actual size DSB211SLB DSB221SLB
DSB321SLB

■ Features

- Low voltage operation (Supply Voltage Range: +1.1~1.4V)
- Low phase noise
- Single packaged structure
- Prevention of moisture packing is unnecessary
Moisture Sensitivity Level : LEVEL 1 (IPC/JEDEC J-STD-033)

■ Applications

- GPS
- Industrial radio communications



[Type]

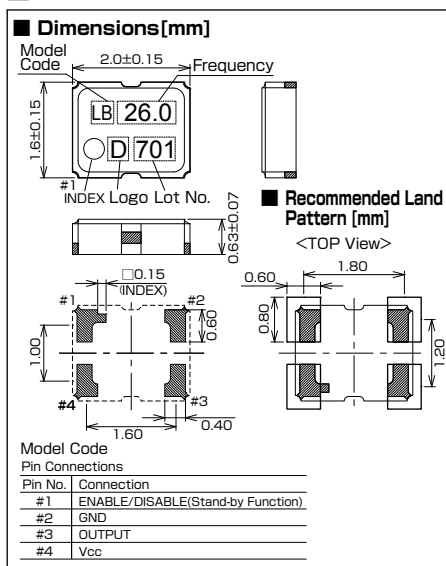
TCXO	Size
DSB211SLB	2016 size
DSB221SLB	2520 size
DSB321SLB	3225 size

■ Standard Specification

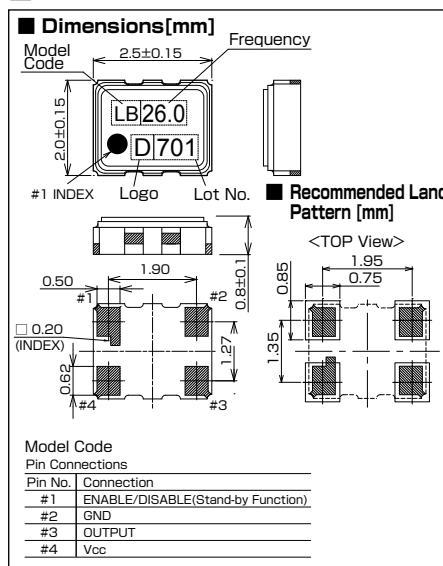
Item	Type	TCXO		
		DSB211SLB	DSB221SLB	DSB321SLB
Frequency Range		13~40 MHz	9.6~40 MHz	
Standard Frequency		16.3676/ 16.367667/ 16.368/ 16.369/ 16.8/ 26/ 33.6 MHz		
Supply Voltage Range		+1.1~+1.4V		
Supply Voltage(Vcc)		+1.2V		
Current Consumption		+1.7 mA max. (F≤26MHz) +2.2 mA max. (F>26MHz)		
Stand-by Current		+3.0μA max.		
Output Level		0.8 Vp-p min. (Clipped sine wave / DC-coupled)		
Output Load		10 kΩ//10 pF		
Frequency Stability		±1.5×10 ⁻⁶ max.(After 2 reflows)		
Tolerance		±0.5×10 ⁻⁶ max. / -30 to +85 °C		
vs. Temperature		±0.5×10 ⁻⁶ max. / -40 to +85 °C (Option)		
vs. Supply Voltage		±0.1×10 ⁻⁶ max. (Vcc±5%)		
vs. Load		±0.1×10 ⁻⁶ max. (10 kΩ//10 pF ±10%)		
vs. Aging		±1.0×10 ⁻⁶ max. /year		
Start up time		2.0 msec. max.		
Phase Noise		[f≤15MHz]	[15<f≤26MHz]	[26<f≤40MHz]
Offset 100Hz		-115dBc/Hz	-110dBc/Hz	-105dBc/Hz
Offset 1kHz		-135dBc/Hz	-130dBc/Hz	-125dBc/Hz
Offset 10kHz		-145dBc/Hz	-140dBc/Hz	-135dBc/Hz
Offset 100kHz		-145dBc/Hz	-145dBc/Hz	-145dBc/Hz

Consult our sales representative for other specifications.

■ DSB211SLB



■ DSB221SLB



■ DSB321SLB

