



Cylinder Type Frog Leg W/Gull Wing

■ Holder Type: ST / SJ

Frequency Range:

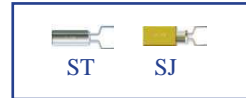
20.00kHz to 75.00kHz

Features:

- High Reliability & Low Cost Unit
- Tight Stability & Extended Temperature Available
- RoHS Compliant
- From Lead SMD Type available



Actual Size



■ Standard Specifications

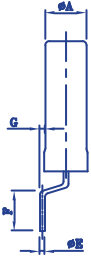
Item	2T(2×6)	
Frequency Range	32.768kHz	20.0 to 75.0kHz
Equivalent Series Resistance (ESR)	40kΩ Max	50kΩ Max
Frequency Tolerance @ 25 °C	±20ppm (tighter tolerance also available)	
Temperature Coefficient	-0.034±0.006ppm /°C ²	
Operating Temperature Range	-20 °C to +70 °C (other operating range also available)	
Operable Temperature Range	-40 °C to +85 °C	
Load Capacitance	6.0pF , 8.0pF , 12.5pF is standard	
Drive Level	0.2μW Max	
Shunt Capacitance	2.5pF Max	
Aging	±5ppm/year	

Note:

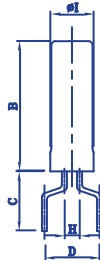
1. Manufacturer reserves the right to change the specification and content of this product for improvement without notification.
2. Custom specification is welcome. Please contact our sales representative for further details.
3. If the crystal is intended for applications which have direct impact on human life and properties, and require a high degree of reliability and safety concerns, customers must provide full information such as but not limit to the application, electrical and reliability specification at the inquiry beginning stage.



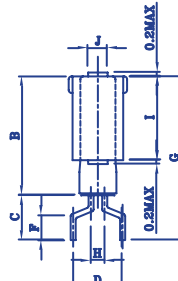
■ Dimensions (mm) and Solder Pad Layout (mm)



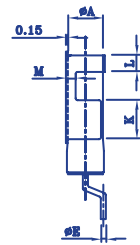
FRONT VIEW



SIDE VIEW



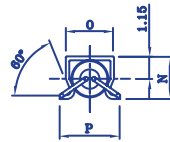
FRONT VIEW



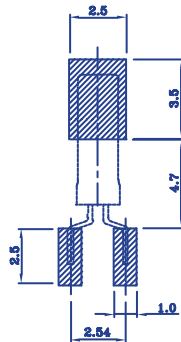
SIDE VIEW

DIMENSION	TYPE 2X6
A	φ1.9 ±0.1
B	6.0 ±0.2
C	3.3 Max
D	2.54 ±0.3
E	φ0.25 ±0.05
F	1.65 ±0.3
G	0 ~ 0.30
H	0.7 ±0.2
I	φ2.0 ±0.2

MARKING INFORMATION

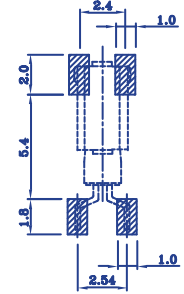


BOTTOM VIEW



RECOMMENDED LAND PATTERN

ITEM	DIMENSION
A	1.9±0.1
B	6.0±0.2
C	3.3 Max
D	2.54±0.3
E	φ0.25
F	1.65Max
G	0.4Max
H	0.7±0.1
I	4.3
J	1.0
K	2.0
L	0.65
M	0.6
N	2.2±0.1
O	2.5
P	2.7Max



RECOMMENDED LAND PATTERN



MARKING INFORMATION

QUARTZ
CRYSTALS