

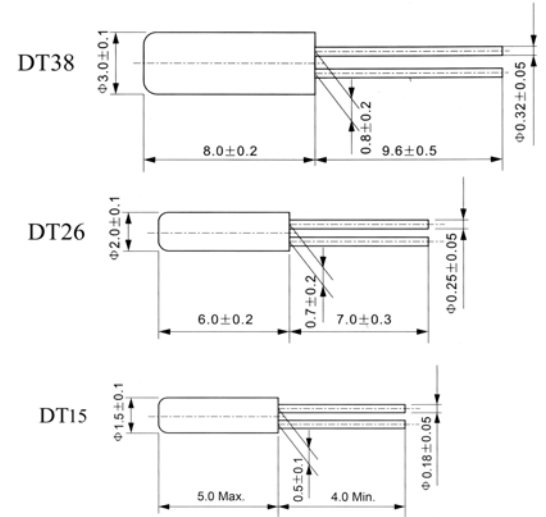
# YIC Quartz Crystal Unit (DT38/26/15)

DT38,DT26,DT15 Series:Tuning Fork Cylinder Quartz Crystal

30-200KHz

## ● SPECIFICATION

Type	DT38	DT26	DT15
Frequency Range	30-100KHz	30-200KHz	30-120KHz
Load Capacitance	12.5pF	12.5pF	12.5pF
Drive Level	1.0μW max	1.0μW max	1.0μW max
Frequency Tolerance	±20PPM	±20PPM	±20PPM
Series Resistance	30KΩ max	40KΩ max	50KΩ max
Turnover Temperature	25±5°C	25±5°C	25±5°C
Temperature Coefficient	-0.035±0.01PPM/°C <sup>2</sup>	-0.035±0.01PPM/°C <sup>2</sup>	-0.035±0.01PPM/°C <sup>2</sup>
Operating Temperature Range	-10 ~ +60°C	-10 ~ +60°C	-10 ~ +60°C
Storage Temperature Range	-40 ~ +85°C	-40 ~ +85°C	-40 ~ +85°C
Motional Capacitance	0.0035pF Typical	0.0028pF Typical	0.001pF Typical
Shunt Capacitance	1.75pF Typical	1.45pF Typical	1.05pF Typical
Capacitance Ratio	500 Typical	500 Typical	500 Typical
Aging	±5ppm Max.	±5ppm Max.	±5ppm Max.
Quality Factor	60000 Typical	50000 Typical	50000 Typical
Insulation Resistance	500MΩ min	500MΩ min	500MΩ min



Soldering the body of the cylinder type crystal units with PCB must be avoided due to deteriorate the characteristics or damage the products.

Rubber adhesive is recommended.