

Crystal Specification for GAS Lighter

Parameters	Ceramic Materials	Size &PN	Specification	Remarks
d <sub>33</sub>	5#	JYY5R2.15×5.0 JYY5R2.5×5.0 (mm)	≥280×10 <sup>-12</sup> C/N	Two ends of Cylinder have the silver alloy
Δf			≥35 KHZ	
C			4.8 – 5.3 PF	

Parameters	Ceramic Materials	Size &PN	Specification	Remarks
d <sub>33</sub>	686#	JYY686R6.27×16 JYY686R6.35×15 JYY686R6.35×16 JYY686R6.0×12.0 (mm)	≥490×10 <sup>-12</sup> C/N	Two ends of Cylinder have the silver alloy
Δf			≥25 KHZ	
C			25 – 34 PF	

Parameters	Ceramic Materials	Size & PN	Specification	Remarks
d <sub>33</sub>	686#	JYY686R7.0×15.0 JYY686R7.0×16.0 JYY686R7.0×17.0 (mm)	≥490×10 <sup>-12</sup> C/N	One end is the Silver electrode, another end is the silver alloy.
Δf			≥25 KHZ	
C			25-36 PF	

Parameters	Ceramic Materials	Size & PN	Specification	Remarks
d <sub>33</sub>	511#A	JYY511AR5.0×10.0 (mm)	≥350×10 <sup>-12</sup> C/N	Two ends of Cylinder have the silver alloy
Δf			≥30KHZ	
C			14 – 18PF	

Notes: Red means positive electrode, white negative electrode