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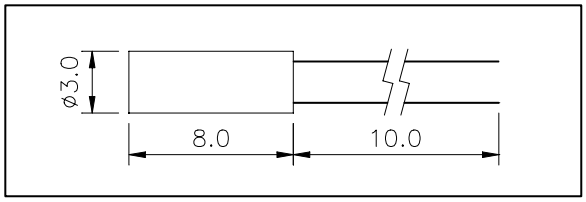
Quartz Crystals & Matching Transformers

Miniature Tuning Fork Quartz Crystals

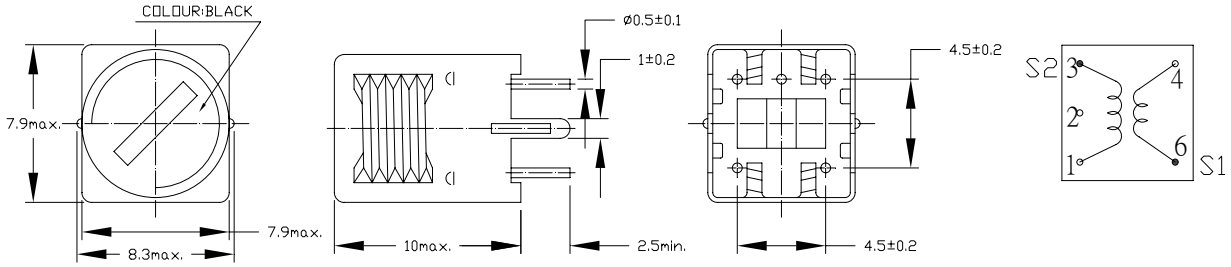




Specification

Model Number	Nominal Frequency Hz	Tolerance at 25°C PPM	Temperature Stability –10°C to +70°C PPM	Load Capacitance pF	Series Resistance Ohm	Shunt Capacitance pF	Drive Level mW
S40000	40,000	± 60	± 45	12.5	35,000	2.3	0.001
S32768	32,768	± 20	± 30	12.5	35,000	2.3	0.001

Matching Transformers



Specification

Parts Number	K4000001	K4000002	K4000003	K4000004	K4000005
Operating Frequency	40.0 KHz	40.0 KHz	40.0 KHz	40.0 KHz	125.0 KHz
Variable Inductance (min.)	10.6 mH± 6%	5.3 mH± 6%	1.0 mH± 6%	6.0 mH± 6%	1.5 mH± 6%
Unloaded Q (min.)	70	100	25	90	80
Turn Ratio	1:10	1:10	1:10	1:10	1:20
Matching Transducer	400EP14D	400EP14D (Temperature Compensated Type	235SR130	400EP18A	125SR250

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