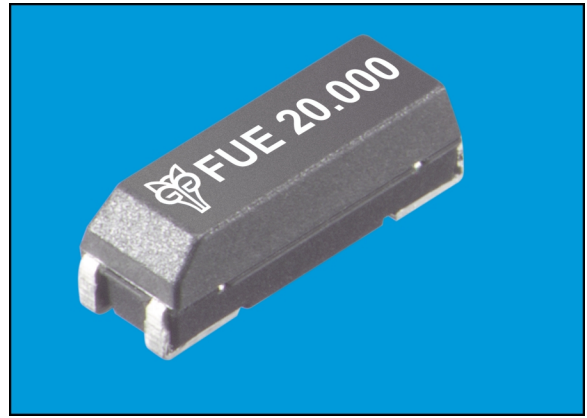


PLASTIC ENCASED SMD CRYSTAL FUE

The FUE is similar to the Fox FPX, except for the pad layout.

FEATURES

- Cost Effective
- Industry Standard
- Equivalent to Epson MA505
- Tape and Reel (1000 pcs. STD)



• FUE STANDARD SPECIFICATIONS*

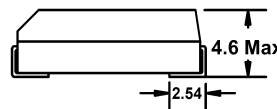
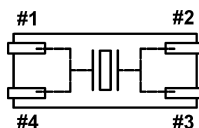
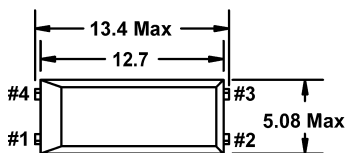
PARAMETERS	CONDITIONS	MIN	MAX	UNITS
Frequency Range		3.579545	66.6667	MHz
Frequency Tolerance	Ta = 25°C	-50	+50	PPM
Frequency Stability, ref @ 25°C	See Below			PPM
Temperature Range				°C
Operating (TOPR)	See Below			
Storage (TSTG)		-55	+125	
Equivalent Series Resistance	See Below			Ω
Shunt Capacitance			7.0	pF
Load Capacitance	Customer Specified	10	Series	pF
Aging	Ta = 25°C; per year	-5.0	+5.0	PPM
Drive Level			0.1	mW

Frequency Range (MHz)	Operating Mode	Max ESR Ω
3.579545 ~ 4.000	Fundamental	200 Std. (150 ~ 200 Optional)
4.000+ ~ 6.000	Fundamental	150 Std. (120 ~ 150 Optional)
6.000+ ~ 10.000	Fundamental	100 Std. (80 ~ 100 Optional)
10.000+ ~ 32.000	Fundamental	50 Std. (30 ~ 50 Optional)
30.000 ~ 36.000	3rd OT	100 Std. (80 ~ 100 Optional)
36.000+ ~ 66.6667	3rd OT	80 Std. (60 ~ 80 Optional)

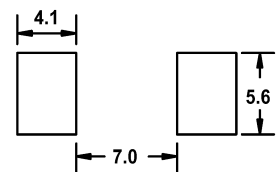
* Other tolerances, stabilities & operating temperature ranges available. Consult Fox Customer Service for specific requirements, or use crystal order form on page 6.
All specifications subject to change without notice. Rev. 05/03/00

Operating Temperature & Stability

Frequency Range	-10°C ~ +60°C	-20°C ~ +70°C	-40°C ~ +85°C
3.579545 ~ 4.000	±50PPM	±80PPM	±150PPM
4.000+ ~ 6.000	±50PPM	±70PPM	±100PPM
6.000+ ~ 12.000	±30PPM	±50PPM	±80PPM
12.000+ ~ 66.6667	±30PPM	±40PPM	±60PPM



Recommended Solder Pad Layout



All dimensions are in millimeters.

See page 31 for tape and reel specifications.