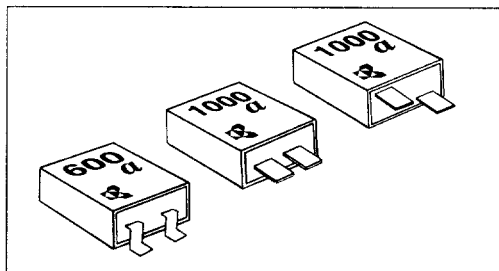


kHz Band Leaded Ceramic Resonators

KBR -B, -BK, -F Series

AVX

f_0 : 190 to 1050kHz



HOW TO ORDER

KBR - 455 BK TS

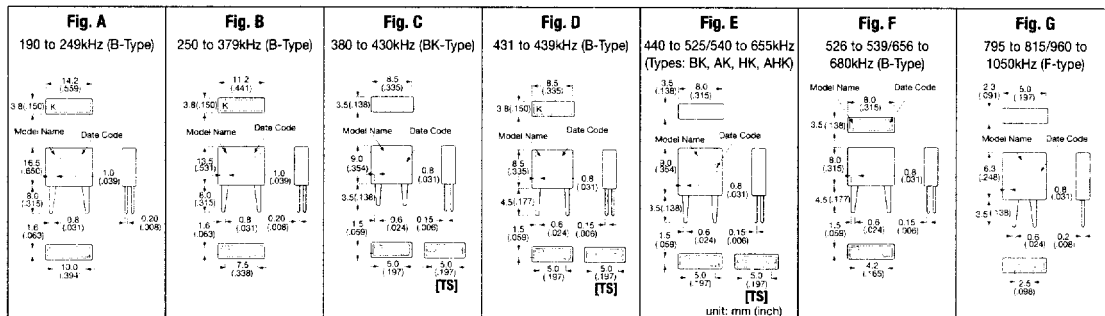
① ② ③ ④

- ① **Type:** (Kyocera Bulk Resonator)
- ② **Oscillation Frequency:** 190 to 1020kHz
- ③ **Resonator Types:** B/BK = 190 to 680kHz
F = 795 to 1050kHz
- ④ **Lead Style:** Blank $\square$ = standard
TS = Single in-line
TL = formed lead

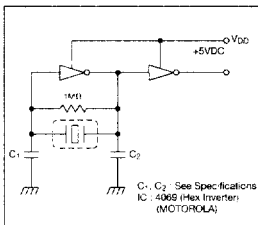
Specifications

Parameters Fig.	Frequency Range	Series	Frequency Tolerance	Resonant Impedance	Anti-Resonant Impedance	C ₁	C ₂	Temperature Stability (-20 ~ +80°C)	Standard Oscillating Frequency	Case Color					
Fig. A	190 ~ 249KHz	B	±0.5%	20Ω max	25KΩ min	330pF	470pF	±0.3%	200KHz	Blue					
Fig. B	250 ~ 379KHz	B			30KΩ min	220pF			300KHz						
Fig. C	380 ~ 430KHz	BK			35KΩ min	100pF			400KHz						
Fig. D	431 ~ 439KHz	B							-						
Fig. E	440 ~ 525KHz	BK			50KΩ min	100pF			455,480,500KHz						
Fig. F	526 ~ 539KHz	B							-						
Fig. E	540 ~ 599KHz	BK		50Ω max	50KΩ min	100pF			540,560KHz	Green					
Fig. F	600 ~ 655KHz	B							600,640KHz						
Fig. F	656 ~ 680KHz	B		70Ω max	70KΩ min				680KHz						
Fig. G	795 ~ 815KHz	F							800KHz						
Fig. G	960 ~ 1050KHz	F		100Ω max					1000KHz						

Dimensions: millimeters (inches)



Test Circuit



Lead Type	Lead Shape	Frequency Range					
		B-Type		BK-Type		F-Type	
TS		380 to 430 kHz 431 to 439 kHz 526 to 539 kHz 540 to 655 kHz		380 to 430 kHz 440 to 525 kHz 540 to 655 kHz		795 to 815 kHz 960 to 1050 kHz Single in-line is standard for F Series	
TL		190 to 379 kHz 431 to 439 kHz 526 to 539 kHz 656 to 680 kHz	A* 3.0 4.5 4.5 4.5	B* 3.0 6.0 6.0 6.0	A* 3.5 4.5 4.5 3.5	B* 5.0 5.0 5.0 5.0	A* 1.9 1.9 1.9 1.9

*Dimensions in mm.

Additional information on this product is available from AVX's catalog or AVX's FAX Service.
Call 1-800-879-1613 and request document #126. Visit our website <http://www.avxcorp.com>

AVX