



ROHS-Compliant Product

Discriminators



Standard Types				
Type:	XD-9-03	XD-107-03	XD-107G	XD-214G
Frequency (MHz):	9.0	10.7		21.4
Frequency of zero-crossing f_0 (MHz \pm Hz):	9.0 \pm 200	10.7 \pm 300		21.4 \pm 300
Peak deviation:	\pm 20	\pm 70	\pm 20	
Minimum slope at f_0 :	-70	-10	-90	-50
Non-linearity				
\leq 1 % (kHz):	\pm 2.0	\pm 6.0	\pm 5.0	\pm 5.0
\leq 5 % (kHz):	\pm 4.0	\pm 15.0		
\leq 10 % (kHz):	\pm 7.0	\pm 25.0		
Termination In/Out (Ω // pF // k Ω):	500 // 30 / 100	500 // 30 / 140	500 // 30 / 220	
Temperature range:	- 20°C ... + 70°C	- 40°C ... + 80°C		
Case style:	BF-2		BF-40	

Case Style BF-2

1 = IN
2 = OUT

Case Style BF-40

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