



Data Sheet

telephone  
949 252 0522

BACK

Product Category: Ceramic Resonator

Series Number	Package	Description	Last Modified
664	Ceramic	455 KHz Discriminator	Jan. 01 2007

## FEATURES

- Communication use
- RoHs Compliant



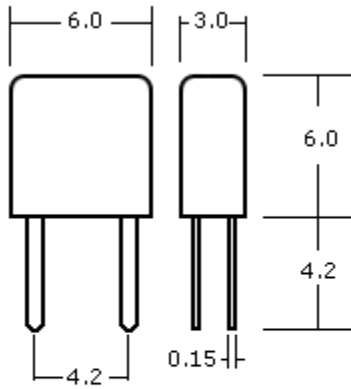
## OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS / PART NUMBER GUIDE

Type 1					
PART NO.	Center Frequency	Recovered Audio 3dB BW	Recovered Audio Output	Distortion Factor	Applicable IC
	(fo) (KHz)	(KHz) min.	(mV) min.	(At fn) (%) max.	-
664-455-18	455 ±2	±3.0	180 ±40	2.0	MC3371
664-455-24	455 ±2	±4.0	100 ±40	2.0	TA31136
664-455-28	455 ±2	±4.0	40 ±20	3.0	TA31142
664-455-29	455 ±2	±4.0	125 ±30	2.5	NE605
664-455-32	455 ±2	±4.0	40 ±20	3.0	TA31143
664-455-47	455 ±2	----	140 ±25 (fn) 140 ±20 (fn ±4.8)	----	TA31147
664-455-50	455 ±2	±4.0	64 ±6.4	4.0	CXA3117N

Type 2						
PART NO.	Resonant Frequency	Antiresonant Frequency	Bandwidth Fa-Fr	Resonant Resistance	Capacitance	Applicable IC
	(Fr) (KHz)	(Fa) (KHz)	(KHz)	ohm max.	pF ±20%	-
664-455-2	447.5 ±1.5 (at  Z  = 2.05kohm)	463.0 ±1.5 (at  Z  = 10kohm)	-	-	140	TA8104
664-455-3	-	455.0 ±1.5	48.0 ±5.0	70	600	CXA1184M
664-455-4	-	470.0 ±1.0	43.0 ±2.0	300	140	LA8610
664-455-10	429 ±2.0	-	51.0 ±5.0	70	580	TA8103F
664-455-15	-	463.5 ±1.0	43.0 ±2.0	300	140	CXA1483M
664-455-25	-	465.0 ±1.5	45.0 ±4.0	300	135	CXA1484

**NOTE:** Deviations on all parameters available. Please consult Oscilent for details.

**DEFINITIONS:** Click on the characteristic names above, for definitions of the particular characteristic.

**PACKAGE DIMENSIONS (mm)**

\*For 664-455-2 = 1.8mm

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**Series No.:** 664