

Crystek Corporation

239-561-3311 FAX 239-561-1025

HC49 Leaded Crystal

Build a custom part number

CY X X X X X - Freq

Frequency Tolerance at 25°C	
1	±10 ppm
2	±15 ppm
3	±20 ppm
4	±25 ppm
5	±30 ppm
6	±50 ppm
7	±100 ppm

Frequency Stability over Temp Range					
A	±10 ppm	(0 to 70°C)	J	±30ppm	(-20 to 70°C)
B	±15 ppm	(0 to 70°C)	K	±50 ppm	(-20 to 70°C)
C	±20 ppm	(0 to 70°C)	L	±100 ppm	(-20 to 70°C)
D	±25 ppm	(0 to 70°C)	M	±20 ppm	(-40 to 85°C)
E	±30 ppm	(0 to 70°C)	N	±25 ppm	(-40 to 85°C)
F	±50 ppm	(0 to 70°C)	O	±30 ppm	(-40 to 85°C)
G	±100 ppm	(0 to 70°C)	P	±50 ppm	(-40 to 85°C)
H	±15 ppm	(-20 to 70°C)	Q	±100 ppm	(-40 to 85°C)
I	±20 ppm	(-20 to 70°C)			

Load Capacitance	
1	Series
2	14 pF
3	16 pF
4	18 pF
5	20 pF
6	22 pF
7	25 pF
8	32 pF

Options	
S	Spacer
T	Top Lead
	(0.5 inch)
V	Vinyl Sleeve

Example:

CY4F51S-20.000 = ±25ppm at 25°C, ±50ppm 0 to 70°C, 20pF Load Cap, Fundamental, with Spacer, 20.000MHz

Mode	
1	Fundamental 1-26 MHz
3	3rd Overtone 20-100 MHz

Standard part numbers

Part number	Freq. (MHz)	CL	Max ESR	Part number	Freq. (MHz)	CL	Max ESR
CY1AM	1.000	series	3000	CY11BP	11.059200	20pF	30
CD1AM	1.843200	13pF	700	CY12B	12.000	series	30
CY2AM	2.000	series	500	CY12BP	12.000	20pF	30
CY2AP	2.000	20pF	500	CY14A	14.318180	series	30
CY2BM	2.457600	32pF	320	CY14AC	14.318180	18pF	30
CY3GM	3.000	series	175	CY14AP	14.318180	20pF	30
CY3DM	3.579545	18pF	175	CY14B	14.745600	series	30
CY3J	3.686400	series	175	CY14BP	14.745600	20pF	30
CY3JM	3.686400	18pF	175	CY15A	15.000	series	30
CY3JN	3.686400	20pF	175	CY16B	16.000	series	30
CY3A	4.000	series	100	CY16BP	16.000	20pF	30
CY3AP	4.000	20pF	100	CY19A	18.000	series	30
CY4E	4.194304	12pF	75	CY19B	18.432	series	30
CY4D	4.915200	series	75	CY19BP	18.432	20pF	30
CY7A	5.000	series	50	CY20A	19.660800	series	30
CY7AP	5.000	20pF	50	CY20AP	19.660800	20pF	30
CY5B	5.068800	series	50	CY22A	20.000	series	30
CY6B	6.000	series	40	CY22AP	20.000	20pF	30
CY6BP	6.000	20pF	40	CY22B	22.118400	series	30
CY6C	6.144	30pF	40	CY22BP	22.118400	20pF	30
CY6CP	6.144	20pF	40	CY24A	24.000	series	40
CY6G	6.400	20pF	40	CY24AP	24.000	20pF	40
CY7B	7.372800	series	30	CY25A	25.000	series	40
CY7BP	7.372800	20pF	30	CY27A	27.000	3RD series	40
CY8G	8.000	series	30	CY30B	32.000	3RD series	40
CY8GP	8.000	20pF	30	CY36A	36.000	3RD series	40
CY8J	8.192	series	30	CY48A	48.000	3RD series	40
CY8JP	8.192	20pF	30	CY100A	100.000	3RD series	90
CY9B	9.830400	series	30				
CY12A	10.000	series	30				
CY11B	11.059200	series	30				

Standard specifications

Frequency Tolerance: ±50ppm at 25°C

Frequency Stability: ±100ppm 0°C to 70°C

Storage Temperature: -40°C to 85°C

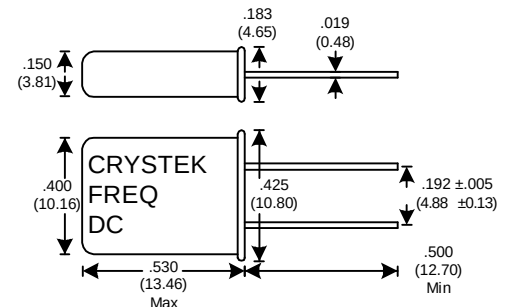
Shunt Capacitance: 7.0 pF Max

Drive Level: 100uW Typical

Sealing Method: Resistance Weld

Options: Vinyl Sleeve, Spacer, Top Lead, Clipped Leads

Specifications subject to change without notice.



Spec.	k4
Rev.	D