

QUARTZ CRYSTAL UNIT





FEATURE

- Wide Frequency range
- High shock tolerance
- Small size
- Reliable frequency stability
- Lead Free & RoHS Compliant

APPLICATIONS

- Microprocessor Systems
- Consumer Electronics
- Instrumentation
- Automotive electronics

ELECTRICAL SPECIFICATIONS

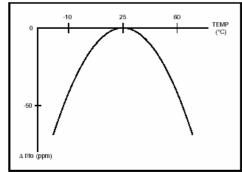


Frequency	30.000KHz ~ 350.00KHz
Frequency Tolerance (at 25°C)	±20ppm ~ ±100ppm
	32KHz-40KHz: 40Kohm Max
	40KHz-60KHz: 30Kohm Max
	60KHz-70KHz: 25Kohm Max
	70KHz-200KHz: 22Kohm Max
	200KHz-350KHz: 20Kohm Max
Turnover Temperature	25 ± 5°C
Frequency Temperature Curve	-0.034(±0.006)ppm/°C2
Storage Temperature Range	-55 °C to +125 °C
Operable Temperature Range	-10 °C to + 60 °C, -20 °C to + 70 °C
Shunt Capacitance (C0)	2.0pF Typ
Dynamic Capacitance (C1)	4.0pF Typ
Driver Level (Typical)	1 μW Max
Load Capacitance(C _L)	6.0pF ~ 12.5pF, or specify
Aging @25°C 1st year (Max)	±3ppm/year

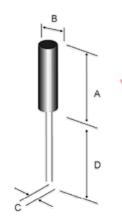
REMARK: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. PLEASE CONFIRM WITH OUR SALES ENGINEER.

DB LECTRO?

Frequency VS Temperature Curve



PACKING AND DIMENSIONS





Al & Same							
MODEL	A	В	C	D	Е		
2×6mm	6.3	1.95	0.7	7.0	0.2		
3×8mm	8.3	3.1	1.1	10.0	0.3		

DB LECTRO?

CRYSTAL PART NUMBER SYSTEM

HOLDER DESCRIPTION	CODE
2X6	E
3X8	D

PART NUMBER EXPLAN	IATION - HOW TO ORDER		
D3A5795-17305EFB-G	3,5795MHZ 17PF 30PPM/50PPM FUNDAMENTAL BULK (ROHS COMPLIANT)		
D	DB LECTRO Inc.		
3A5795	FIRST FIVE NUMBERS OF THE FREQUENCY WITH HOLDER CODE AT DECIMAL POINT		
-	"-" REGULAR PACKAGE		
	"I" ISOLATED WITH WASHER		
	"V" VINYL SLEEVE		
	"C" CUT LEAD		
	"T" THIRD LEG GROUND		
17	LOAD CAPACITANCE (17PF)		
30	FREQUENCY TOLERENCE (30PPM)		
5	FREQUENCY STABILITY AT OPERATING TEMPERATURE:	0=5PPM	
E	OPERATING TEMPERATURE RANGE	1=10PPM	
	"E" EXTENDED TEMP40°C+85°C	2=20PPM	
	"Blank" TYPICAL TEMP20°C+70°C	3=30PPM	
	"A" STANDARD TEMP10°C+60°C	5=50PPM (TYPICAL)	
F	"F" FUNDAMENTAL	6=100PPM	
	"T" THIRD OVERTONE		
	"5" FIFTH OVERTONE		
	"7" SEVENTH OVERTONE		
В	"B" BULK		
	"T" TAPE / REEL		
	"G" TAPE / REEL / GULLWING		
	"C" TAPE / REEL / CRIMPED LEADS		
G	ROHS COMPLIANT		