

Crystal Oscillators / SMD Crystal Oscillators

D9326 = Product group; Product group discount D 93 2_

ABUNDANCE Crystal Oscillators In Metal Housing, CMOS/TTL Frequency: 2,5476...40MHz Series: COH Housing: DIL08

Features

- Suitable for CMOS and TTL
- Consisting of piezoelectric resonator and oscillator circuit
- High reliability due to hermetically sealed metal housing

Technical Specifications

Frequency Range:	2,24576MHz...40MHz
Frequency Tolerance:	±100ppm
Operating Temperature:	-20...+70°C
Storage Temperature:	-55...+125°C
Operating Voltage (V _{DD}):	5V DC
Current Requirement, Max.	
1,843...21,9MHz:	15mA
22...49,9MHz:	30mA
Symmetry at 50% V _{DD} tight:	45...55%
Rise Time/Fall Time	
1,843...20MHz:	10ns
24...64MHz:	6ns
Output Voltage, Max.	
"1"-Level:	+4,5V(90% V _{DD})
"0"-Level:	+0,5V(10% V _{DD})
Output Load:	15pF Typ. or 1...10 TTL Max.

Terms of Delivery

Minimum order quantity: 1 PKU = 5 pieces

Manufacturer: Abundance

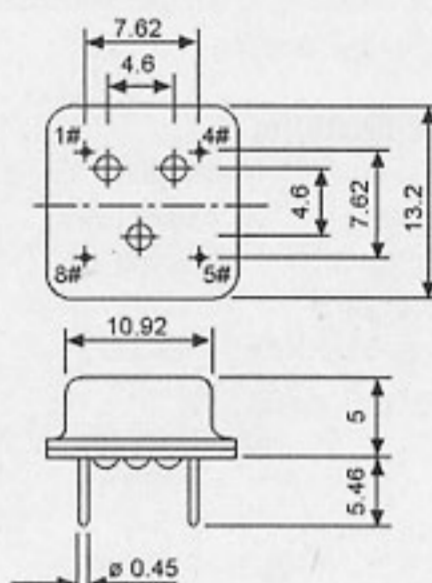
<http://www.aeccrystal.com>

Part Nr.	Part description
COH2.4576M	C-Oscillator 2,4576MHz DIL8Met CMOS/TTL
COH8M	C-Oscillator 8MHz DIL8Met CMOS/TTL
COH10M	C-Oscillator 10MHz DIL8Met CMOS/TTL
COH16M	C-Oscillator 16MHz DIL8Met CMOS/TTL
COH20M	C-Oscillator 20MHz DIL8Met CMOS/TTL
COH24M	C-Oscillator 24MHz DIL8Met CMOS/TTL
COH40M	C-Oscillator 40MHz DIL8Met CMOS/TTL



COH_

1 = NC; 4 = GND; 5 = Output; 8 = +5V



Dimensions

D9341 = Product group; Product group discount D 93 4_

EPSON SMD Crystal Oscillators In Plastic Housing, CMOS/TTL Frequency: 1,8432...50MHz Series: SG-615P

Features

- Suitable for CMOS and TTL
- High reliability due to cylindrical AT crystal
- Low power consumption

Technical Specifications

Frequency Range:	1,8432...50MHz
Frequency Stability:	±100ppm
Operating Voltage:	5±0.5V _{DD}
Maximum Voltage:	-0.3...+7V _{DD} -GND
Output Voltage	
V _{OH} ¹⁾ , Min.:	V _{DD} - 0,4V
V _{OL} ²⁾ , Max.:	0,4V
Output Current	
I _{OH} ¹⁾ :	-0,4mA
I _{OL} ²⁾ :	
SG-615P:	16mA
SG-615PH:	4mA
Operating Temperature:	-20...+70°C
Storage Temperature:	-55...+125°C
Aging, Max.:	5ppm/Year
Solder Temperature, Max.:	≤260°C/10s
Shock Resistance:	±20ppm
Suitable for:	CMOS, TTL

¹⁾ V_{OH}, I_{OH} = "1"-Level, ²⁾ V_{OL}, I_{OL} = "0"-Level

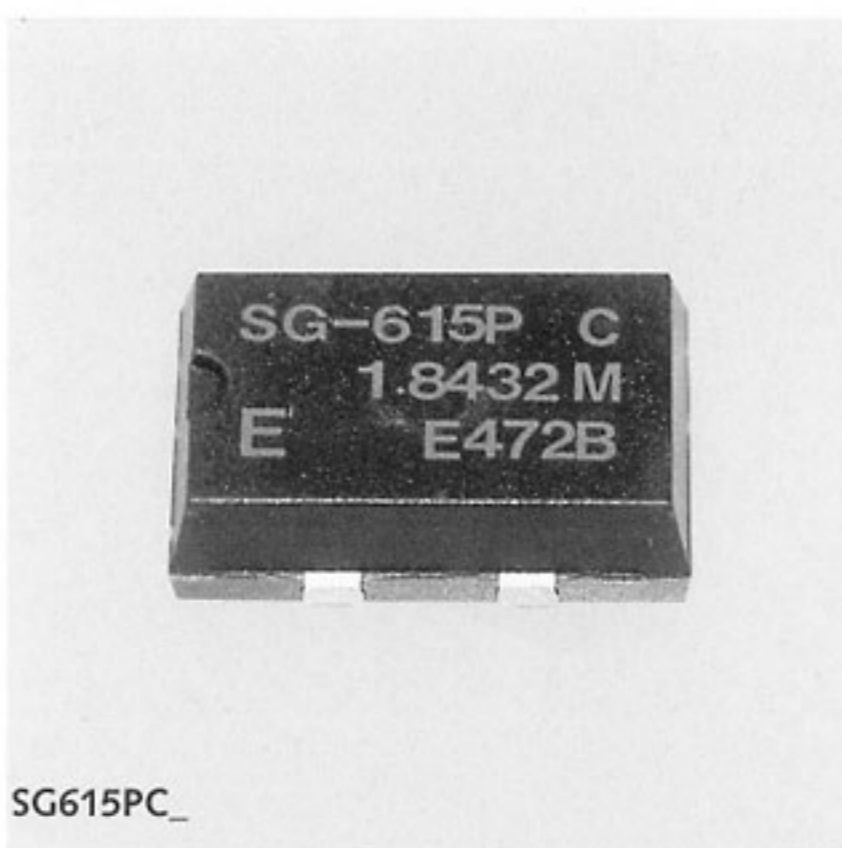
Terms of Delivery

Minimum order quantity: 1 PKU = 5 pieces

Manufacturer: EPSON

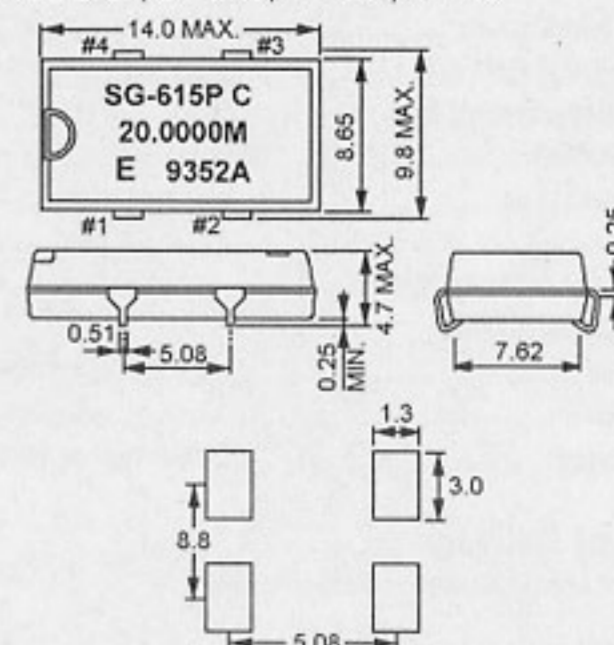
<http://www.epson-electronics.de>

Part Nr.	Part description
SG615PC-1.8432	SMD Crystal Oscillator 1,843200 MHz
SG615PC-2.4576	SMD Crystal Oscillator 2,457600 MHz
SG615PC-8	SMD Crystal Oscillator 8,000000 MHz
SG615PC-10	SMD Crystal Oscillator 10,000000 MHz
SG615PC-11.0592	SMD Crystal Oscillator 11,059200 MHz
SG615PC-12	SMD Crystal Oscillator 12,000000 MHz
SG615PC-16	SMD Crystal Oscillator 16,000000 MHz
SG615PC-20	SMD Crystal Oscillator 20,000000 MHz
SG615PC-24	SMD Crystal Oscillator 24,000000 MHz
SG615PC-25	SMD Crystal Oscillator 25,000000 MHz
SG615PHC-32	SMD Crystal Oscillator 32,000000 MHz
SG615PHC-40	SMD Crystal Oscillator 40,000000 MHz
SG615PHC-48	SMD Crystal Oscillator 48,000000 MHz
SG615PHC-50	SMD Crystal Oscillator 50,000000 MHz



SG615PC_

1 = OE or \overline{ST} ; 2 = GND; 3 = OUT; 4 = Vcc



Dimensions