Ceramic Resonators, Chip Type (Built-In Capacitors Type)

Type: **JC** (16 to 50 MHz)



Features

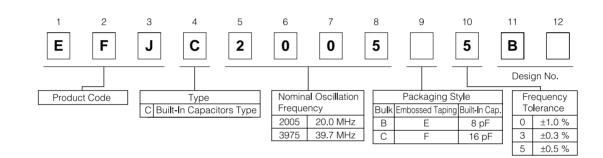
- Low Profile Type (1.2 mm maximum in thickness)
- Designed for lead free soldering

Explanation of Part Numbers

- Wide Oscillation Frequency : 16 to 50 MHz
- High reliability against soldering heat and mechanical stress
- Contributes simplification of oscillation circuits and reduces the numbers of circuit parts

Recommended Applications

- Clock generator for microprocessers
- Carrier between telecommunication equipment (Telephone to telephone, personal computer to printer)
- Precautions for Safety (See Page 218 to 219)



Ratings and Characteristics

Part Number		Oscillation Frequency	Loop Gain	Temperature	Built-in Capacitors
Bulk Pack	Embossed Taping	(fo)	(G)	Characteristics	(Reference)
EFJC2505B5B	EFJC2505E5B	25.00 MHz ±0.5 %		Maximum frequency drift ±0.2 %, -20 to 80 °C	8 pF
EFJC3205B5B	EFJC3205E5B	32.00 MHz ±0.5 %			
EFJC3385B5B	EFJC3385E5B	33.868 MHz ±0.5 %	10 dB min.		
EFJC4005B5B	EFJC4005E5B	40.00 MHz ±0.5 %			
EFJC1695C5B	EFJC1695F5B	16.93 MHz ±0.5 %			16 pF
EFJC2005C5B	EFJC2005F5B	20.00 MHz ±0.5 %	14 dB min.		

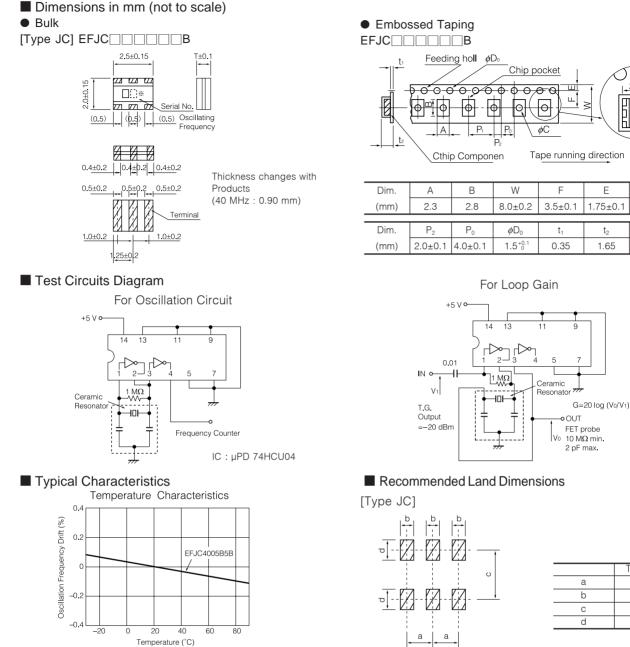
● Operating Temperature Range: -20 to 80 °C

• Frequency Drift : 0.3% max./10 years

Note:

Also available are types other than above standard products in the frequency range of 16.0 to 50.0 MHz.

Panasonic



	Type JC
а	1.0
b	0.5
С	2.0
d	0.8
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1)

[Type JC]

Dim.	φA	φB	С	D	E
(mm)	180±5	60 min.	13±0.2	21±0.8	2.0±0.5
Dim.	W	Т	t	r	
(mm)	9.0 +1.0 -0.5	14.0 max.	2.5 max.	1.0	

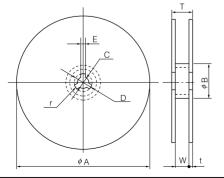
Standard Packing Quantity

Packaging Specifications

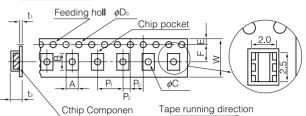
Туре	Embossed Taping	Bulk	
JC	3000 pcs./reel	500 pcs./bag	

Supplied in bulk or taped & reel packing style

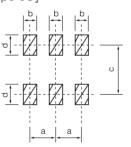
Dimensions for Reel in mm (not to scale)



Design, Specifications are subject to change without notice. Ask factory for technical specifications before purchase and/or use. Whenever a doubt about safety arises from this product, please inform us immediately for technical consultation without fail.



Dim.	A	В	W	F	E	P1
(mm)	2.3	2.8	8.0±0.2	3.5±0.1	1.75±0.1	4.0±0.1
Dim.	P ₂	P _o	ϕD_0	t ₁	t ₂	φC
(mm)	2.0±0.1	4.0±0.1	1.5+0.1	0.35	1.65	1.0



	Type JC
а	1.0
b	0.5
С	2.0
d	0.8
	(mm