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Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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Ceramic Resonators, Chip Type

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



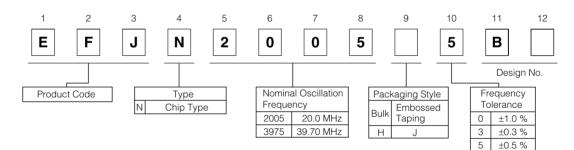
Features

- Low Profile Type (1.2 mm maximum in thickness)
- Designed for lead free soldering
- Wide Oscillation Frequency : 16 to 50 MHz
- High reliability against soldering heat and mechanical stress

Recommended Applications

- Clock generator for microprocessers
- Carrier between telecommunication equipment (Telephone to telephone, personal computer to printer)
- Precautions for Safety (See Page 237 to 238)

Explanation of Part Numbers



Ratings and Characteristics

Part Number		Oscillation Frequency	Loop Gain	Weight	Temperature
Bulk Pack	Embossed Taping		(G)	(g)	Characteristics
EFJN1695H5B	EFJN1695J5B	16.93 MHz ±0.5 %	14 dB min.	0.022	Maximum frequency drift: ±0.2 %, -20 to 80 °C
EFJN2005H5B	EFJN2005J5B	20.00 MHz ±0.5 %			
EFJN2505H5B	EFJN2505J5B	25.00 MHz ±0.5 %	10 dB min.		
EFJN3205H5B	EFJN3205J5B	32.00 MHz ±0.5 %			
EFJN3385H5B	EFJN3385J5B	33.868 MHz ±0.5 %			
EFJN4005H5B	EFJN4005J5B	40.00 MHz ±0.5 %			

• Operating Temperature Range: -20 to 80 °C

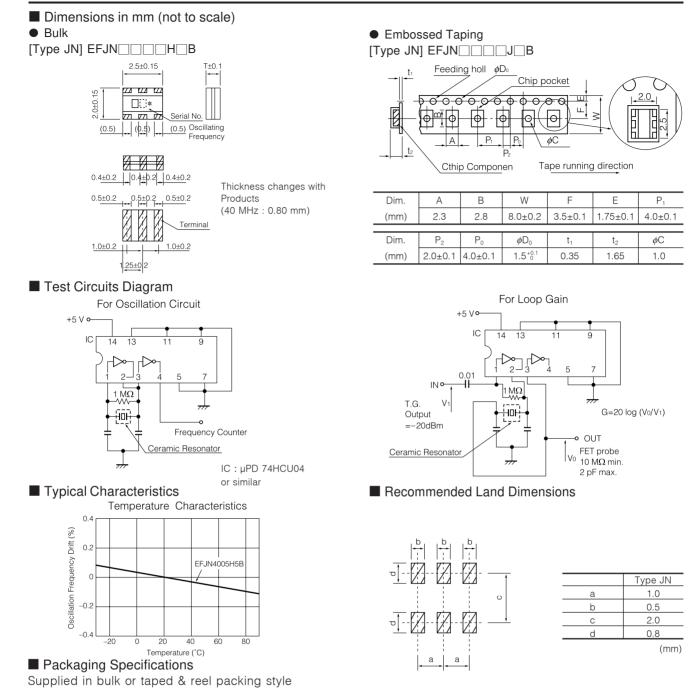
• Frequency Drift : 0.2% max./10 years

Note:

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

Panasonic

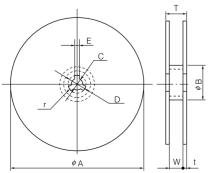
Ceramic Resonators (Chip Type)



Standard Packing Quantity

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

Dimensions for Reel in mm (not to scale)



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	

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.