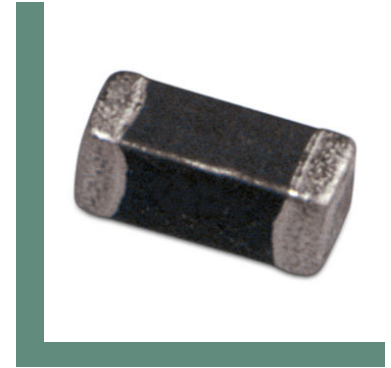


XFEB321611 Series

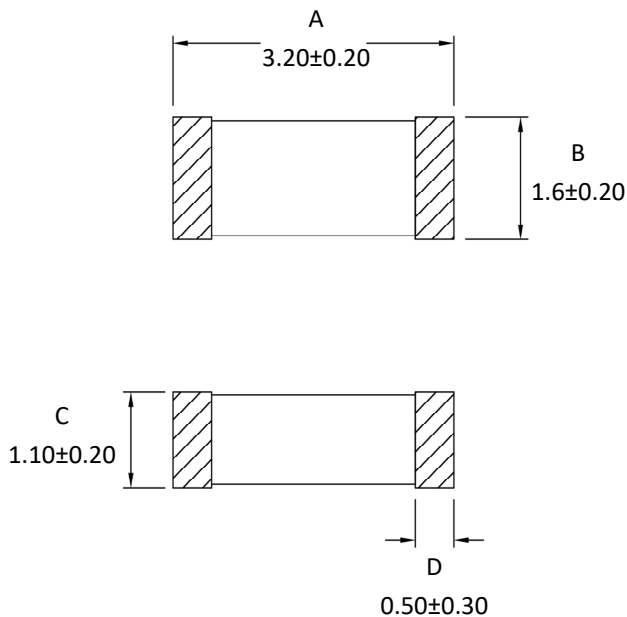
Ferrite Bead

- Excellent performance in high-frequency applications
- Standard 1206 (3216 metric) size
- Excellent solderability
- RoHS compliant component

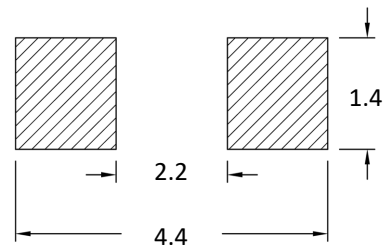


Weight: 0.05599 grams

Mechanical Dimensions



Suggested Pad Layout



(dimensions in mm)

Electrical Characteristics

Part Number	Impedance ¹		DCR Max Ω	Rated Current mA
	Ω	Tol $\pm$		
XFEB321611-190-0.6A	19	25%	0.1	600
XFEB321611-190-3A	19	25%	0.04	3000
XFEB321611-260-0.5A	26	25%	0.2	500
XFEB321611-260-6A	26	25%	0.01	6000
XFEB321611-310-0.5A	31	25%	0.2	500
XFEB321611-310-2A	31	25%	0.05	2000
XFEB321611-310-6A	31	25%	0.01	6000
XFEB321611-500-0.4A	50	25%	0.3	400
XFEB321611-500-3A	50	25%	0.025	3000
XFEB321611-600-0.4A	60	25%	0.3	400
XFEB321611-600-3A	60	25%	0.03	3000
XFEB321611-700-0.3A	70	25%	0.3	300
XFEB321611-750-3A	75	25%	0.04	3000
XFEB321611-800-0.3A	80	25%	0.3	300
XFEB321611-800-3A	80	25%	0.03	3000
XFEB321611-101-3A	100	25%	0.03	3000
XFEB321611-121-0.3A	120	25%	0.3	300
XFEB321611-121-3A	120	25%	0.025	3000
XFEB321611-121-6A	120	25%	0.015	6000
XFEB321611-151-4.5A	150	25%	0.02	4500
XFEB321611-221-0.3A	220	25%	0.3	300
XFEB321611-221-2A	220	25%	0.1	2000

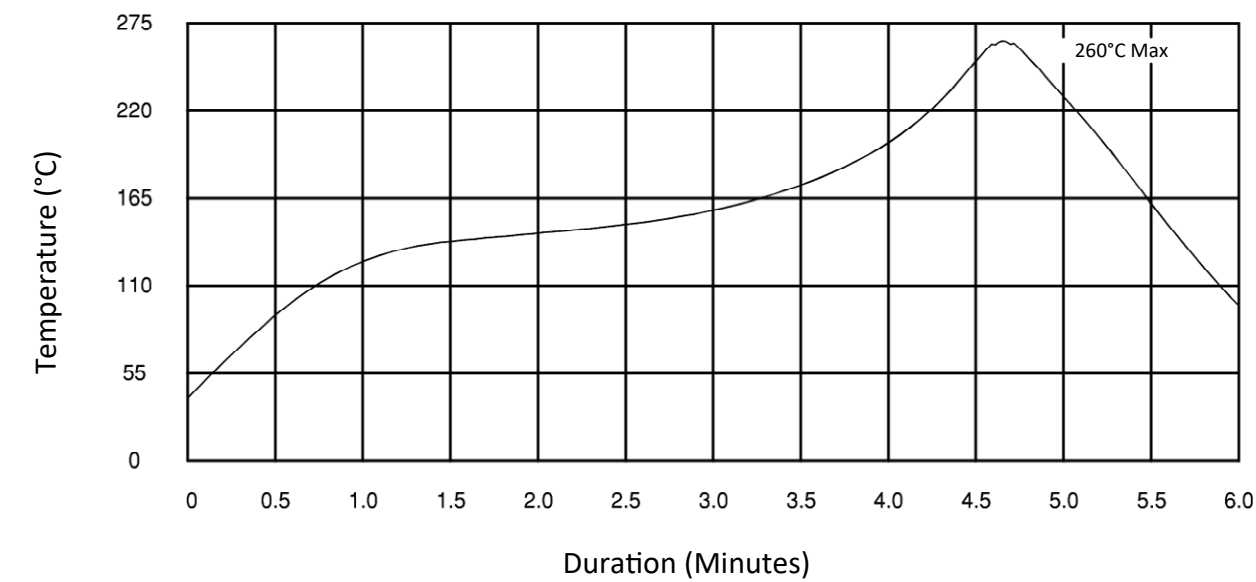
Electrical Characteristics (cont.)

Part Number	Impedance ¹		DCR Max Ω	Rated Current mA
	Ω	Tol $\pm$		
XFEB321611-301-0.3A	300	25%	0.300	300
XFEB321611-301-3A	300	25%	0.040	3000
XFEB321611-391-3A	390	25%	0.050	3000
XFEB321611-501-3A	500	25%	0.060	3000
XFEB321611-601-0.2A	600	25%	0.300	200
XFEB321611-601-1A	600	25%	0.250	1000
XFEB321611-601-2A	600	25%	0.100	2000
XFEB321611-601-3A	600	25%	0.100	3000
XFEB321611-102-0.1A	1000	25%	0.450	100
XFEB321611-102-2A	1000	25%	0.200	2000
XFEB321611-122-0.1A	1200	25%	0.500	100

Notes:

1. Impedance tested at 100MHz, 0.1V
2. All electrical specifications tested at 25°C
3. Solderability: Leads shall meet MIL-STD-202, Method 208D for solderability
4. Flammability: UL94V-0
5. ASTM Oxygen Index: > 28%
6. Insulation System: Class F 155°C. UL File E151556
7. Operating Temperature: -55°C to +125°C
8. Storage Temperature: -55°C to +125°C
9. Aqueous wash compatible
10. SMD Lead Coplanarity: $\pm 0.004"$ (0.102mm)
11. Electrical and mechanical specifications 100% tested
12. RoHS Compliant Component
13. Recommended IR reflow peak temperature of 260°C

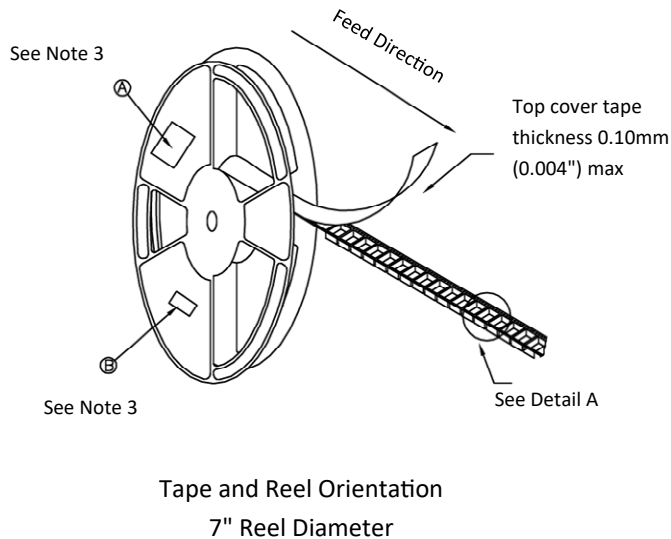
Recommended IR Reflow Profile



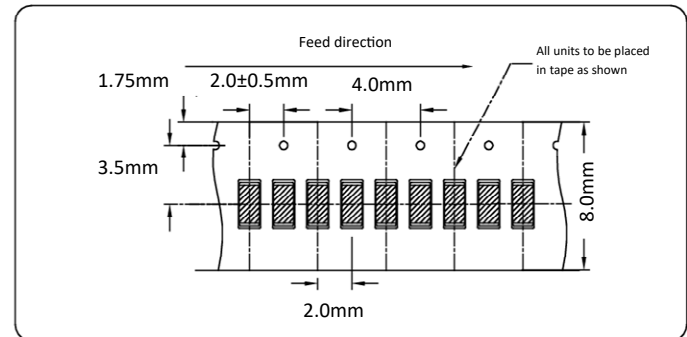
Notes:

- Maximum duration at 260°C +0/-5° with 10 seconds max
- Maximum duration above 217°C shall be 60-150 seconds
- All temperatures refer to topside of the package, measured on the package body surface

Packaging



DETAIL A



Notes:

1. Process in accordance with EIA-481-2 standards
 - Tape leader dimension 15.30" minimum
 - Tape trailer dimension 6.30" minimum
2. Parts should be packaged in accordance with ESD guidelines in EIA-541
3. Reel Label: 'A' * Part Number
 - * Quantity
 - * Date Code
 - 'B' * Anti-static caution label
4. **10,000 pcs per 7" reel**

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