

[Quality characteristic	s]
Test item	Test condition Judgment criteria
Temperature cycling	-40 +85degC Each 30 min 200cy No abnormality shall
High temperature	+85degC, 1000h be observed in appearance or
High-temperature high-humidity storage	+85degC, 85%RH, 1000h electrical
Low temperature	-40degC, 1000h characteristics
Vibration	0.35mm 10-55Hz, 50m/s ² 55-500Hz
	10-500-10Hz/11min.,in each direction of XYZ, 2h
Shock (Drop)	1.8m, 6 facesx3cy(with 100g Dummy Load)
Soldering heat resistance	Reflow: 260degC peak, 3 times
Electro static discharge	200pF, 0 ohm, +/-200V, Each 3 times
Solder ability	Solder bath: 230+/-3degC, 3 sec. Over 95% of the terminal surface shall be covered with solder
Board warping	FR-4(t=1.0mm), 45+/-2mm span, 5+/-1sec. There should not be any cracks in the component or solder joints, no abnormality in electrical characteristics.
Terminal removal	Solder a component on a PC board using the recommended condition shown below and then press the component sideways at 1mm/sec. Destruction limit 4.9N or greater.
Seating plane co-planarity	Within 0.1mm
< Recommended sold Diagram1 Shown I degC 260 230 175 150 135	lering condition > below is a recommended reflow soldering condition
	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
Balun Enact. Date March 2, 2004	Delivery Specification P.S.M Approval Check Plan EHF4BE5250 Quality Characteristics
Enfo. Date March 2, 2004	M. Mizuno M. Mizuno H. Ito Drawing No. 151-EHF-4BE5250 9-4

[Cautions for use]

(1) Operating a product over the maximum rating for even a moment may result i	n a
product failure or breakage. Never use a product in such a condition that it ma	зy
cause a safety problem.	

- (2) Opening or short-circuiting the product terminals or inserting a product in the reverse orientation while power is being supplied may cause a breakage. Always avoid such circumstances.
- (3) Operations in a corrosive gas atmosphere or improper environments such as hightemperature, high-humidity or dewy conditions may lead to product performance deterioration, a breakage, a change in appearance etc. Please avoid such conditions, as they are unsafe.
- (4) Always ground the soldering iron or soldering bath used for assembly operation to avoid any excessive voltage applied to a product.
- (5) After soldering with solder bridges, incomplete soldering or in the reverse orientation, supplying power may result in a product breakage. Please confirm the soldered condition before supplying power to the product.
- (6) Excessive stress on the terminals may cause a contact failure or performance deterioration. Please use caution.
- (7) Please provide a fail-safe provision in the product you design by taking any failure of our product into consideration.
- (8) This product does not include a DC-cutting device. Application of a DC voltage between the Balance port and the Unbalance port may cause product deterioration or breakage.
 - * If any question arises about the safety of this product, please contact us immediately with a request for an engineering examination.

[Remarks]

- *1: All of the materials used in this product are those listed as the existing chemical substances based on the "Law for examination and regulation of manufacture of chemical substances"
- *2: The production process of this product does not use any ozone-depleting chemicals (OZC) regulated by the Montreal Protocol.
- *3: Validity of this specification is 5 years from the date of issue, but the validity is considered on going unless any changes are made.

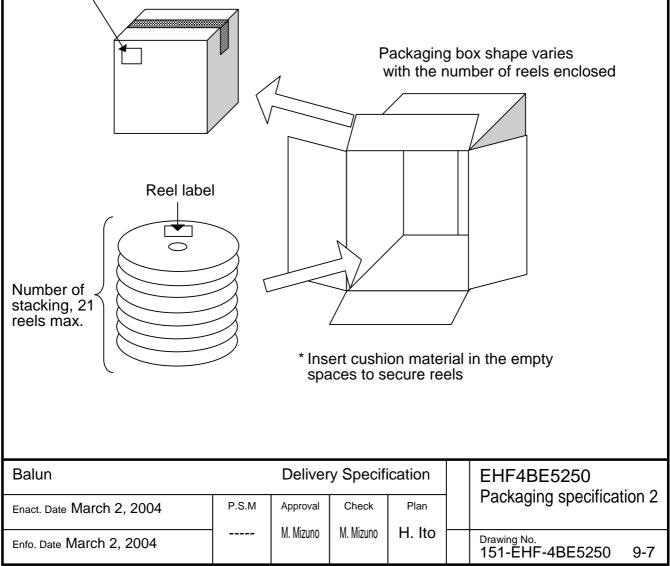
Balun		Delivery Specification				EHF4BE5250	
Enact. Date March 2, 2004	P.S.M	Approval				Cautions	
Enfo. Date March 2, 2004		M. Mizuno	M. Mizuno	H. Ito		Drawing No. 151-EHF-4BE5250	9-5

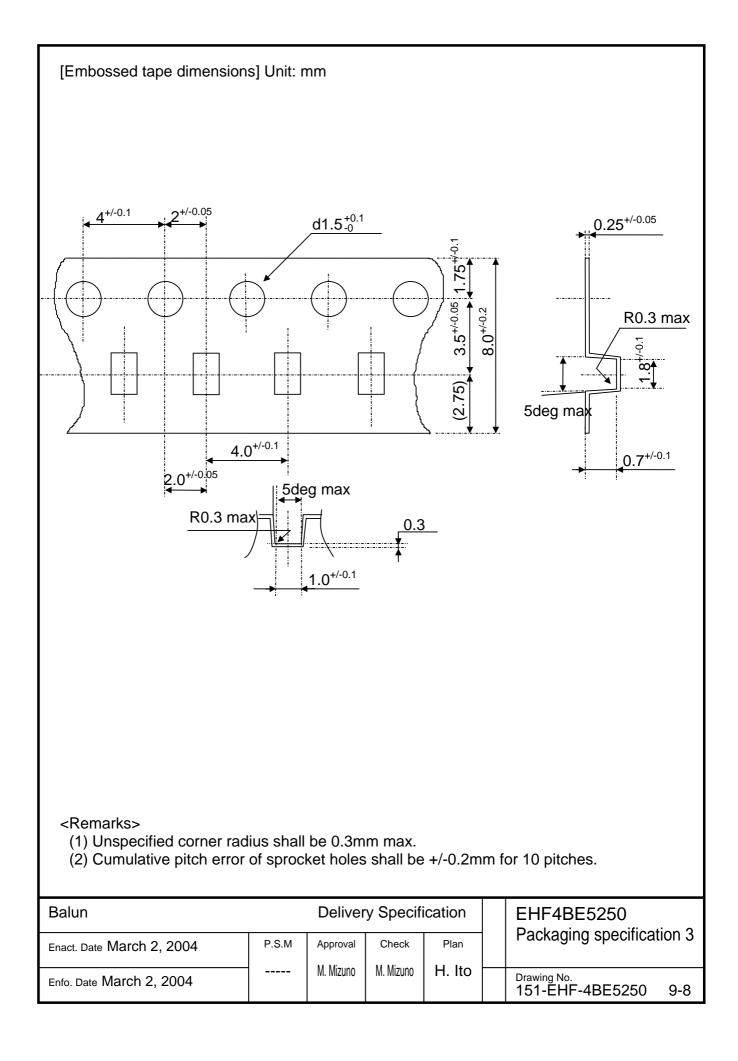
[Packaging materials] 1. Materials 1) Embossed carrier tape (Refer to the attachment) 2) Top tape: Anti-static 3) Packaging box (Refer to the attachment) 4) Packaging tape, carrier-securing adhesive tape 2. Specification										
No.	Item		Condition							
1	Reel outer diameter Reel inner diameter	Refer to the								
3	Reel inner width	Refer to the								
4	Quantity in a reel	Refer to the		l						
5	Taping direction									
5										
6	Top tape attachment position	 8.0+/-0.2mm Top tape attack Top tape edge m carrier (Sprocket 	Tape breaks force. Min. 10N Top cover tape strength. Min. 10N Tape peel force. 0.11.0N Tape peel angle. 165180degree Reel weight. Max 1500g							
7	Label attachment position		Indicated Item Pat No., Lot No. Quantity, Maker Country							
8	Tape leader part				Leader	· part				
	and tape ending			•						
	part	Ending part F 200~220mi (Product-unloade								
9	Missing products									
10 Packaged quantity in a box 21 reels/box (Max)							84000 pieces/box(Max)			
Balun Delivery Specification EHF4							BE5250			
Enact	Date March 2, 2004	P.S.M	Approval	Check	Plan	Packa	ging specification 1			
Enfo.	Date March 2, 2004		M. Mizuno	M. Mizuno	H. Ito	Drawing N 151-El	₁₀. HF-4BE5250 9-6			

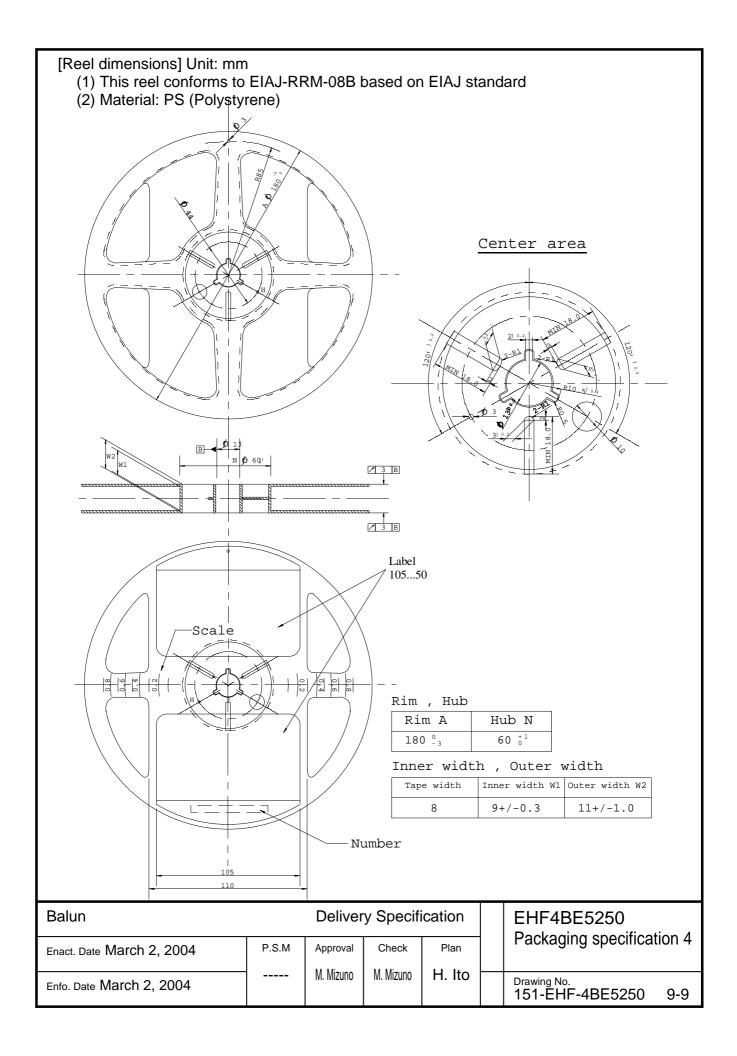


- 1) Load products in each cavity of an embossed carrier tape, in the correct orientation, by leaving the product-unloaded part shown in Item No. 8(P9-6) of the packaging specification.
- 2) Heat-seal a top tape in good alignment on the carrier tape.
- 3) After 4000 pieces are loaded and reeled, provide a product-unloaded part at the tape-leader portion. Secure the tip of the carrier tape with a piece of adhesive tape.
- 4) Stack the reels (21 reels max.) and enclose them in a packaging box. Close the flaps with a piece of adhesive tape.
- 5) Provide markings on the packaging box.
 - < Items to be indicated >
 - 1. Part No.
 - 2. Quantity
 - 3. Lot No.
 - 4. Manufacturer name
 - 5. Country of origin

Marking on the packaging box







单击下面可查看定价,库存,交付和生命周期等信息

>>Panasonic(松下)