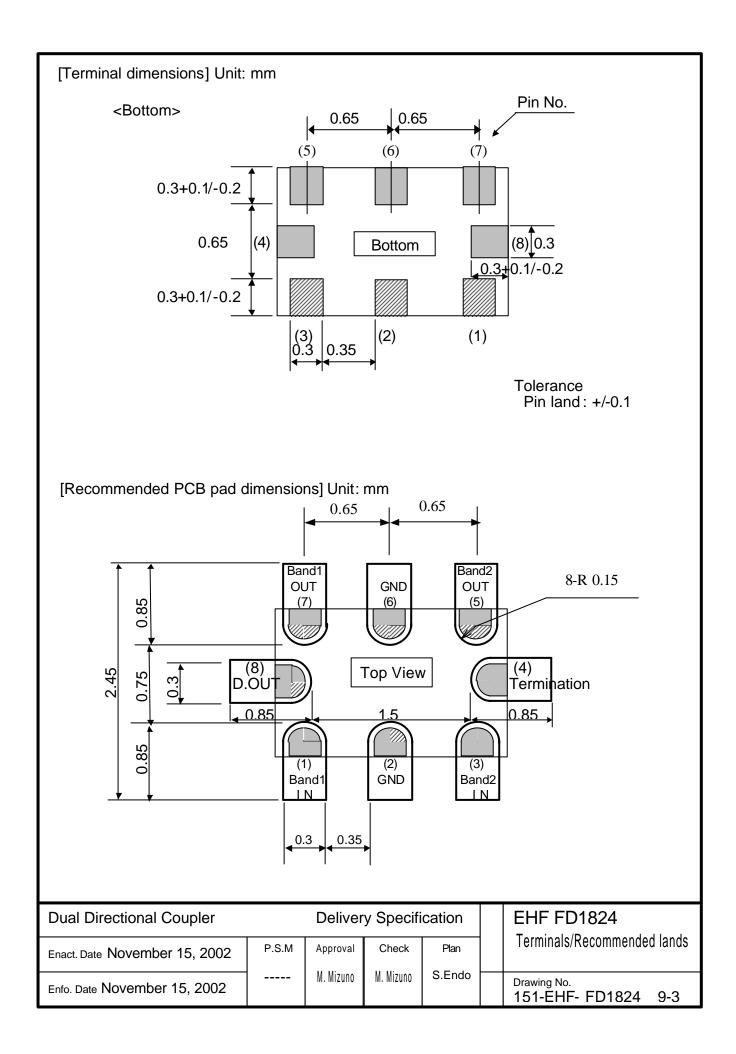


[Absolute maximum ratings]										
	No. Item Symbol Rating				Unit	nit Remark				
1					W	DC bias is zero.				
2			/		degC					
3				-40~+8	5	degC				
Note [Cha	Note: This component cannot apply a DC Bias. [Characteristics] T= 25 +/- 5 degC									
No. Item			Test		S	pecific	becification Unit			
			Circuit			typ.				
1	Frequency range Bar	nd1	Fig.1	880		-	915	MHz		
2	Frequency range Bar	nd2	Fig.1	1710		-	1785	MHz		
	Insertion loss *1 Bar	nd1	Fig.1	-		-	0.45	dB		
	Insertion loss *1 Bar	nd2	Fig.1	-		-	0.45	dB		
	Coupling Bar		Fig.1	13.0		14.0		dB		
	Coupling Bar		Fig.1	13.0		14.0) 15.0	dB		
	Isolation Bar		Fig.1	18.0		-	-	dB		
	Isolation Bar	-	Fig.1	18.0		-	-	dB		
9	Input V.S.W.R. in both E	sands	Fig.1	-		-	1.5			
*1 not include Test Board Loss Band1 : 0.10 dB Band2 : 0.15 dB (7) Band1 OUT										
Dual	Dual Directional Coupler Delivery Speci			/ Specifi	cation		EHF FD182			
Enact. D	Date November 15, 2002	P.S.M	Approval	Check	Plan		Specification and measureme			
Enfo. Da	ate November 15, 2002		M. Mizuno	M. Mizuno	S.Endo	,	Drawing No. 151-EHF- FE	01824 9-2		



[Quality characteristic	s]							
Test item	Test condition	Judgment criteria						
High temperature	+85degC, 1000h	No abnormality shall						
Low temperature	-40degC, 1000h	be observed in appearance or electrical characteristics.						
High-temperature high-humidity storage	+60degC, 90%RH, 1000h							
Pressure Pot	+121degC, 99%RH, 2.026x10 ⁵ Pa, 100h	characteristics.						
Temperature cycling	-40…+85degC, Each 30 min., 200cy							
Vibration	10500Hz, 10G, in each direction of XYZ, 2h30min.							
Impact	100G, 6mS, Half sinusoidal wave, in each direction of XYZ, 3 times							
Shock (Drop)	1.8m, 6 facesx6cy(36 times with 100g Dummy Load)							
Electro static discharge	200pF, 0 ohm, +/-200V, Each 5 times							
Soldering heat resistance	Manual hot gas: 260+/-10degC, 30 sec., 2 times	Over 90% of the terminal surface shall be covered						
	Soldering iron: 260+/-10degC, 3 sec., 2 times	with solder.						
	Reflow: 260degC peak, 2 times							
Solder ability	Solder bath: 235+/-5degC, 2 sec.	Over 95% of the terminal surface shall be covered						
	Reflow: 230degC	with solder.						
Board warping	Assemble this component on a PC board with 0.8mm thickness using the recommended soldering condition shown below, and apply a bending force of 3mm warping at a rate of 1mm/sec. 5 seconds and 5 times. t=0.8mm	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 9.8N or greater.							
Seating plane co-planarity	Within 0.1mm							
< Recommended sold Diagram1 Shown b degC 250 230 200 170 140	below is a recommended reflow soldering conditio							
30~60 sec. 60~180 sec. → Time								
Dual Directional Coupler Delivery Specification EHF FD182 Output Output Output Output								
Enact. Date November 15, 2		lity Characteristics						
Enfo. Date November 15, 20	002 M. Mizuno M. Mizuno S.Endo Drawin 151-	^{g No.} EHF- FD1824 9-4						

[Cautions for use]

(1) Operating a product over the maximum rating for even a moment may result in a
product failure or breakage. Never use a product in such a condition that it may
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 Current 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.

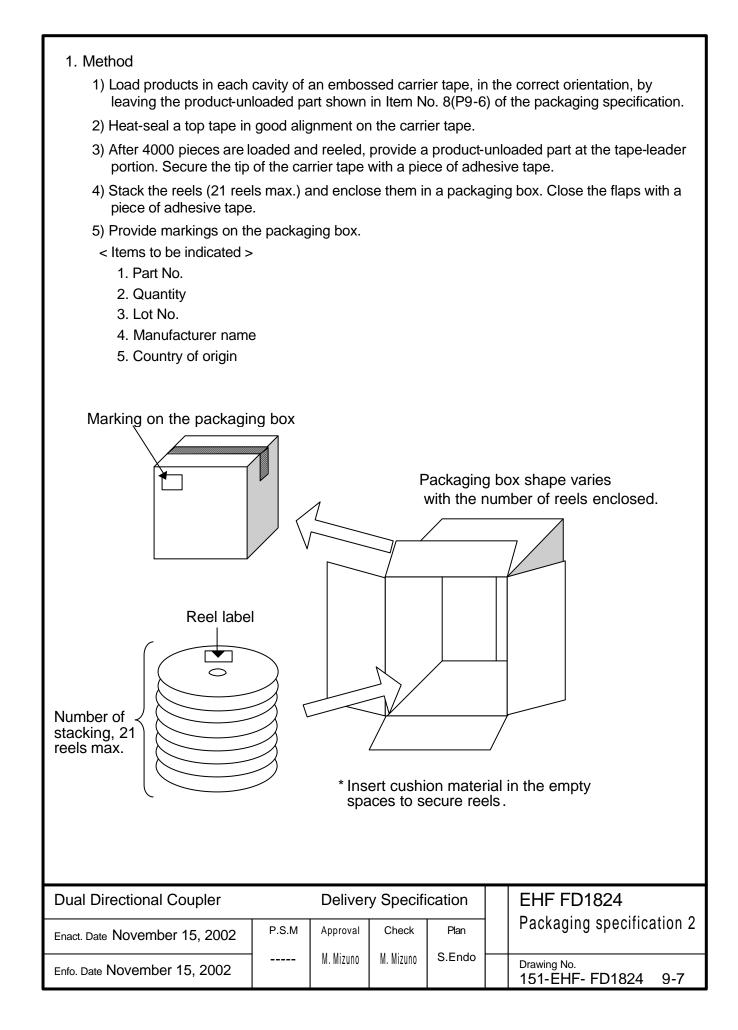
Dual Directional Coupler	Delivery Specification				EHF FD1824		
Enact. Date November 15, 2002	P.S.M	Approval	Check	Plan	Cautions		
Enfo. Date November 15, 2002		M. Mizuno	M. Mizuno	S.Endo	Drawing No. 151-EHF- FD1824 9-5		

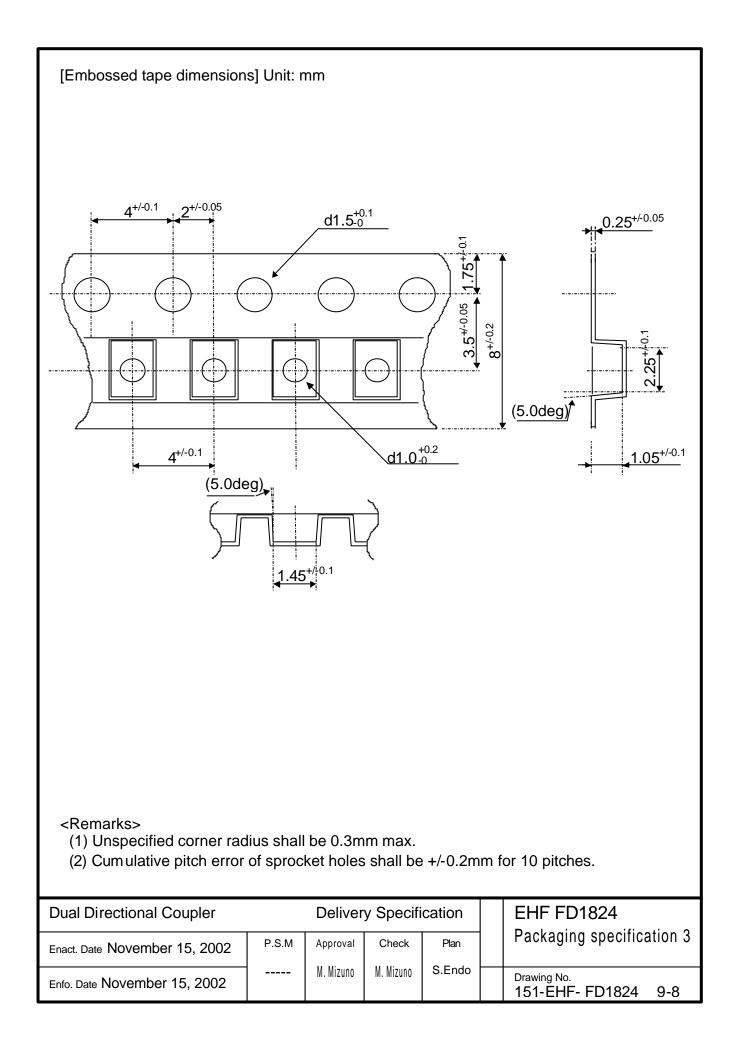
[Packaging materials]

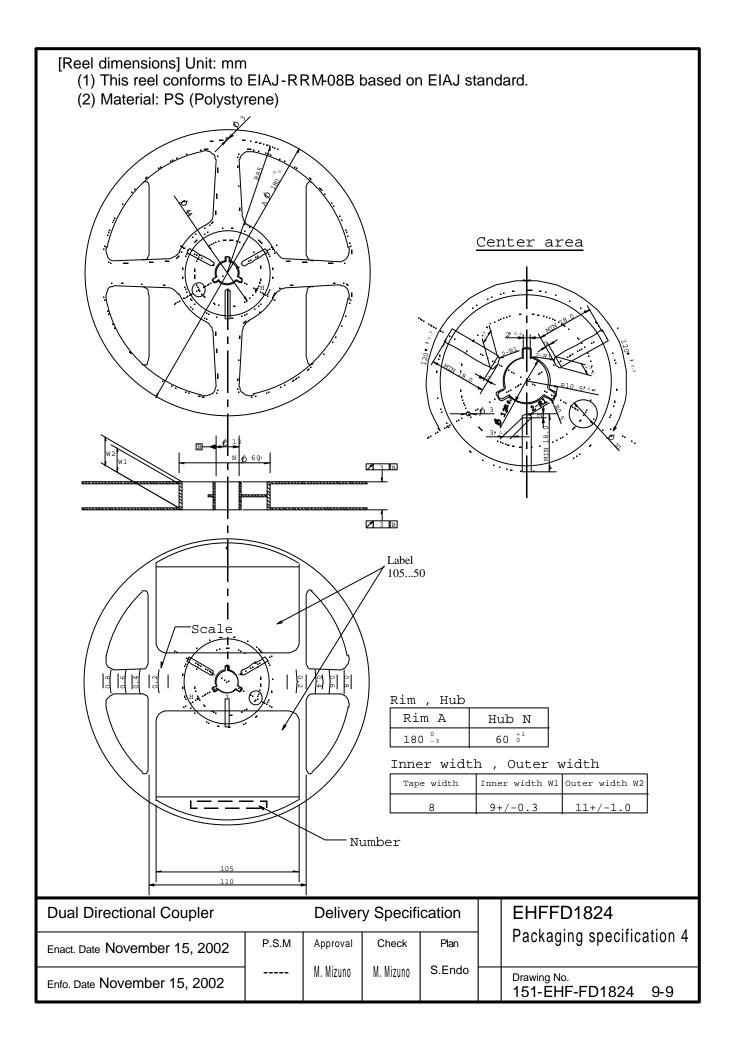
- 1) Embossed carrier tape (Refer to the attachment)
- 2) Top tape: Anti-static
- 3) Packaging box (Refer to the attachment)
- 4) Packaging tape, carrier-securing adhesive tape
- 2. Specification

1. Materials

No.	Item		Remarks							
1	Reel outer diameter	Refer to the								
2	Reel inner diameter	Refer to the								
3	Reel inner width	Refer to the								
4 Quantity in a reel 4000 pieces/reel										
5	Taping direction					ling direction ngs facing up) ►				
6	Top tape attachment position	8.0+/-0.2mm	must stay inside		5.5mm Emb	ossed tape	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	0	Label	Indicated Item Pat No., Lot No. Quantity, Maker Country of Origin						
8	Tape leader part and tape ending part	 ₽	Product-loaded p	1	<u> </u>	Top tape				
	200~220mm100~150mm, 25~38 pieces300~(Product-unloaded part)worth, (Product-unloaded part)400mm									
9	9 Missing products No missing products shall be allowed.									
							-D1824 ging specification 1			
Enact. Date NOVEITIDEL 15, 2002				M. Mizuno	S.Endo	Drawing N 151-El	No. HF- FD1824 9-6			







单击下面可查看定价,库存,交付和生命周期等信息

>>Panasonic(松下)