

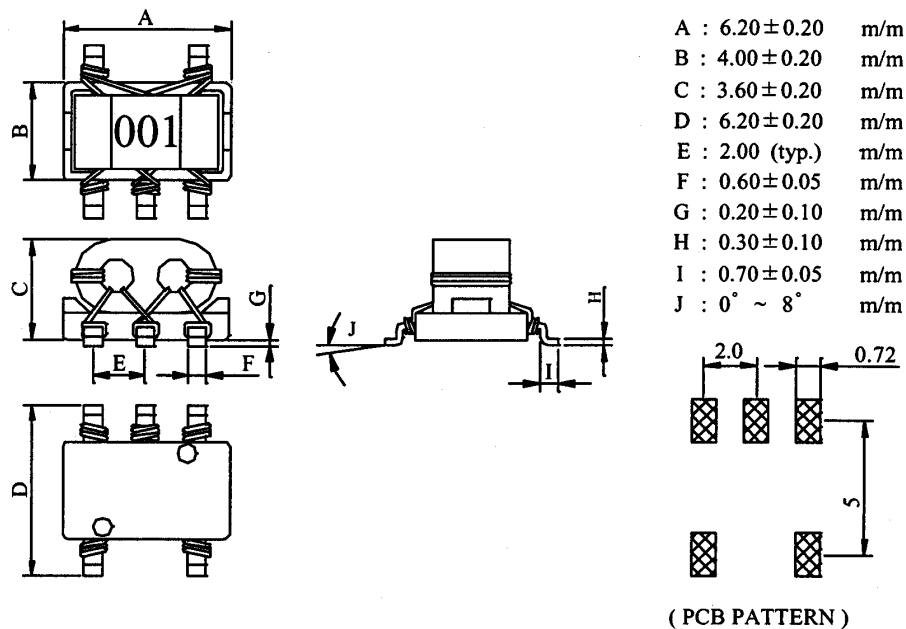
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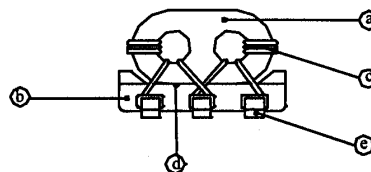
PROD. NAME	SMD BALUN TRANSFORMER	DWG NO.	BRN6036 Series
		ITEM NO.	

I . MECHANICAL DIMENSIONS :



II . MATERIALS :

- a. CORE : FERRITE RING CORE
- b. BASE : PHENOLIC
- c. WIRE : ENAMELLED COPPER WIRE
- d. ADHESIVE : EPOXY RESIN
- e. TERMINAL : TINNED COPPER PLATE



III . FEATURES :

- a. PAIRED WIRE COIL FOR HIGH STABILITY.
- b. BASE PIN TERMINAL TREATED, ALLOWING MOUNTING 'AS IS' ON A PCB.

IV . APPLICATIONS :

- a. DOUBLE BALANCE MIXERS, BROAD-BAND TRANSFORMERS, IMPEDANCE TRANSFORMERS, ETC.

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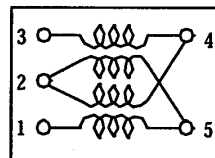
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		ITEM NO.	

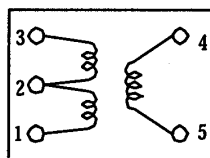
V . ELECTRICAL CHARACTERISTICS :

DWG NO.	WINDING TURNS	OPERATING FREQUENCY RANGE	INSERTION LOSS	PIN CONNECTION FIG.
BRN6036-0001S	2.0	30.0MHz- 850MHz	3.0dB max.	1
BRN6036-0002S	3.0	5.0MHz-1000MHz	3.0dB max.	1
BRN6036-0003S	4.0	9.0MHz-1700MHz	3.0dB max.	1
BRN6036-0004S	5.0	5.5MHz-1500MHz	3.0dB max.	1
BRN6036-0005S	1.0	20.0MHz- 400MHz	3.0dB max.	2
BRN6036-0006S	2.0	8.0MHz- 550MHz	3.0dB max.	2
BRN6036-0007S	3.0	3.5MHz-500MHz	3.0dB max.	2
BRN6036-0008S	4.0	2.0MHz-370MHz	3.0dB max.	2
BRN6036-0009S	1.0	100.0MHz- 500MHz	3.0dB max.	2
BRN6036-0010S	2.0	500.0MHz-850MHz	3.0dB max.	2
BRN6036-0011S	3.0	240.0MHz-500MHz	3.0dB max.	2
BRN6036-0012S	4.0	85.0MHz-380MHz	3.0dB max.	2
BRN6036-0013S	1.5	5.5MHz-850MHz	3.0dB max.	3
BRN6036-0014S	2.5	2.5MHz-2000MHz	3.0dB max.	3
BRN6036-0015S	3.5	1.2MHz-1700MHz	3.0dB max.	3
BRN6036-0016S	4.5	0.8MHz-1400MHz	3.0dB max.	3
BRN6036-0017S	5.5	0.6MHz-1300MHz	3.0dB max.	3
BRN6036-0018S	1.5	160.0MHz-2200MHz	3.0dB max.	4
BRN6036-0019S	2.5	55.0MHz-1700MHz	3.0dB max.	4
BRN6036-0020S	3.5	30.0MHz-1400MHz	3.0dB max.	4

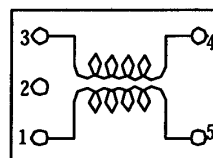
VI . SCHEMATIC DIAGRAM :



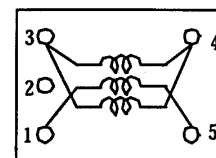
Double balanced
Fig.1



Transformer
Fig.2



Transformer
Fig.3



Transformer
Fig.4

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PROD. NAME	SMD BALUN TRANSFORMER		DWG NO.	BRN6036 Series	
			ITEM NO.		

VII . PACKAGING INFORMATION :

(1) CONFIGURATION

※CARRIER TAPE WIDTH : D

END START

LEADER NO COMPONENT 160 m/m Min. COMPONENTS TRAILER NO COMPONENT 390 m/m Min.

USER DIRECTION OF FEED →

(2) DIMENSIONS Unit:m/m

STYLE	A	B	C	D	G	N	T
07 - 16	178	21 ± 0.8	13	16	18 ⁺⁰	50 ⁻⁰	22.4
13 - 16	330	21 ± 0.8	13	16	18 ⁺⁰	50 ⁻⁰	22.4

(3) Q'TY & G.W. PER PACKAGE

SERIES	INNER : REEL			OUTER : CARTON		
	Q'TY (PCS)	G.W. (gw)	STYLE	Q'TY (PCS)	G.W. (Kg)	SIZE (cm)
BRN6036	300	96	07 - 16	12,000	4.45	39 x 38 x 21.5
BRN6036	1,200	384	13 - 16	9,600	3.68	40 x 40 x 24

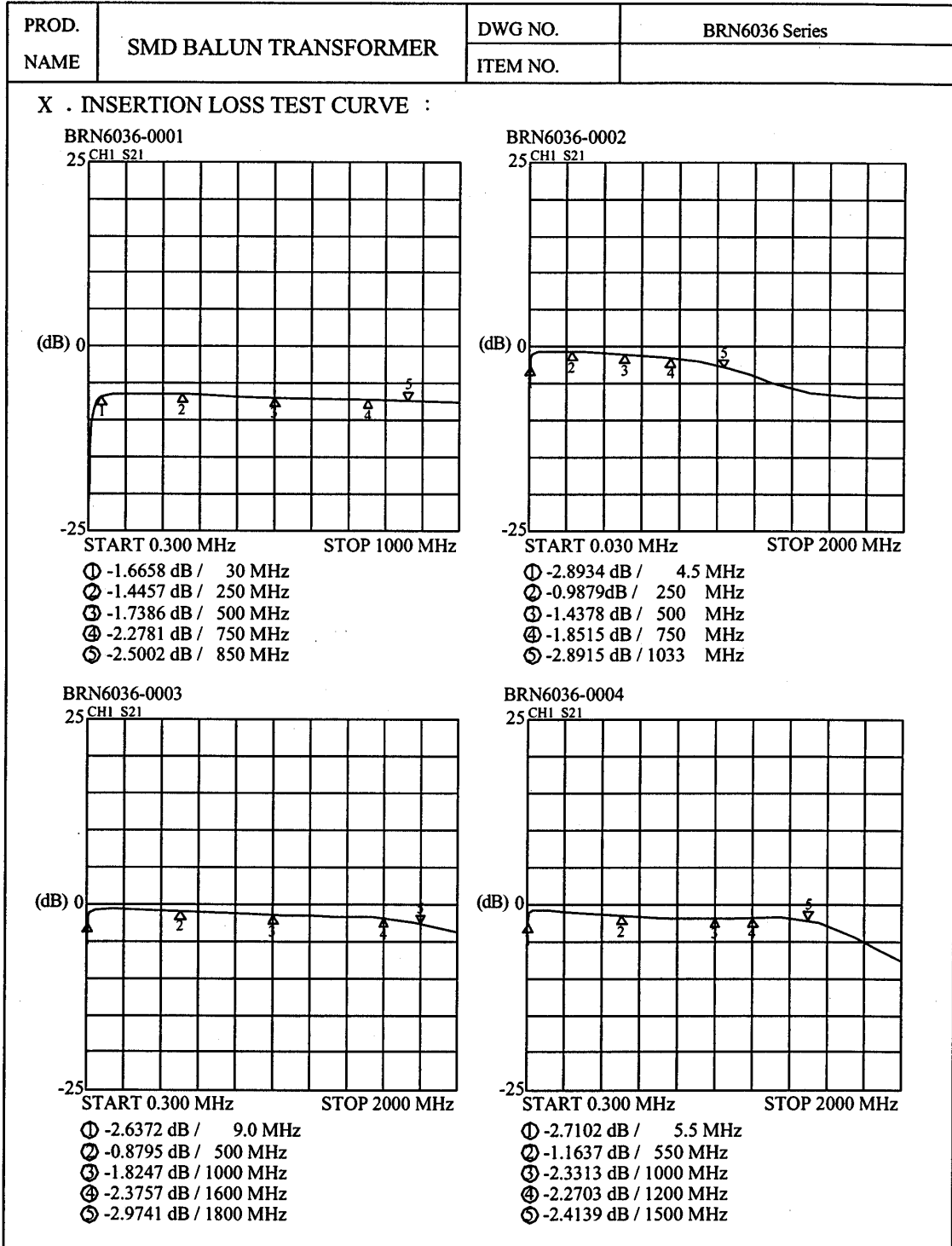
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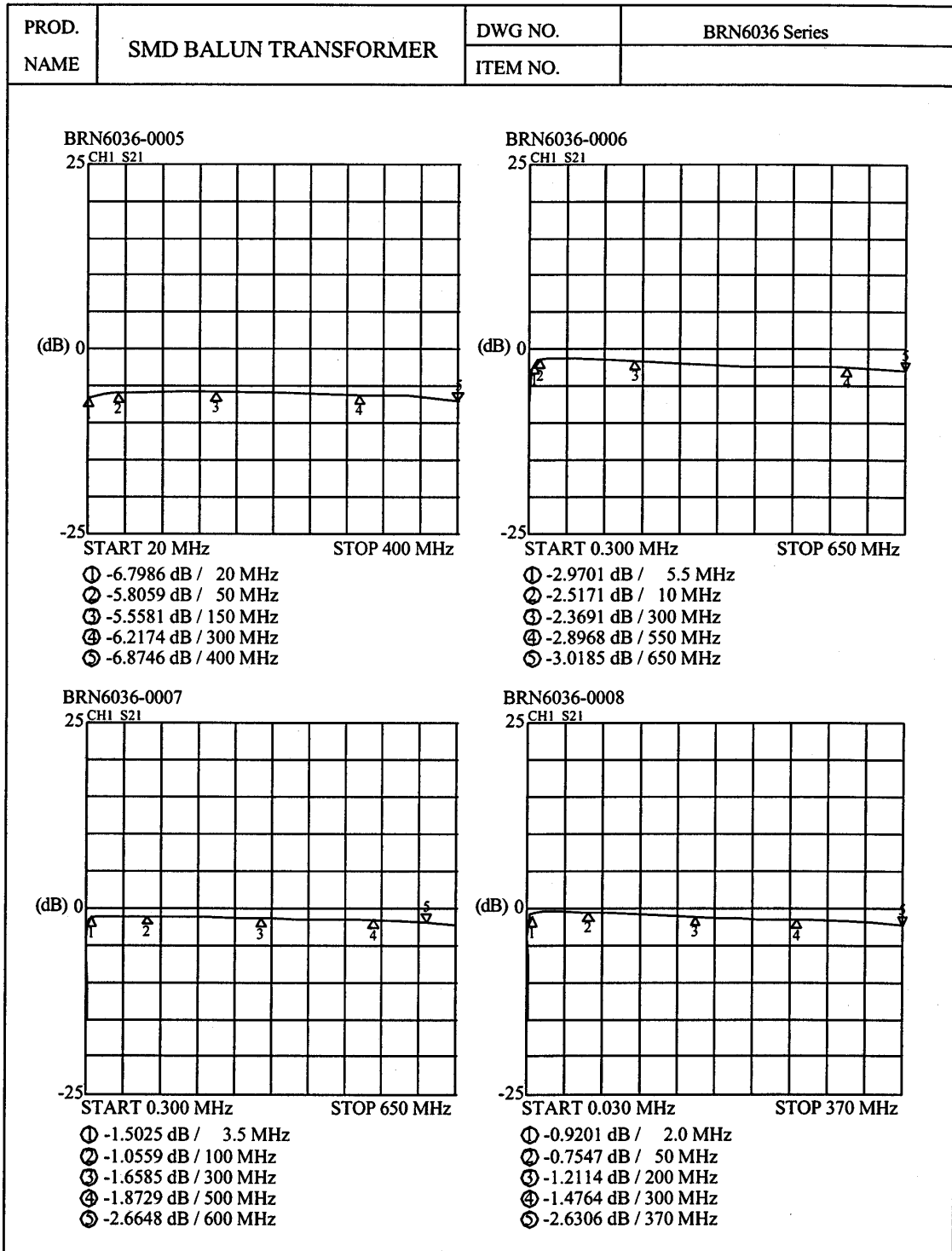
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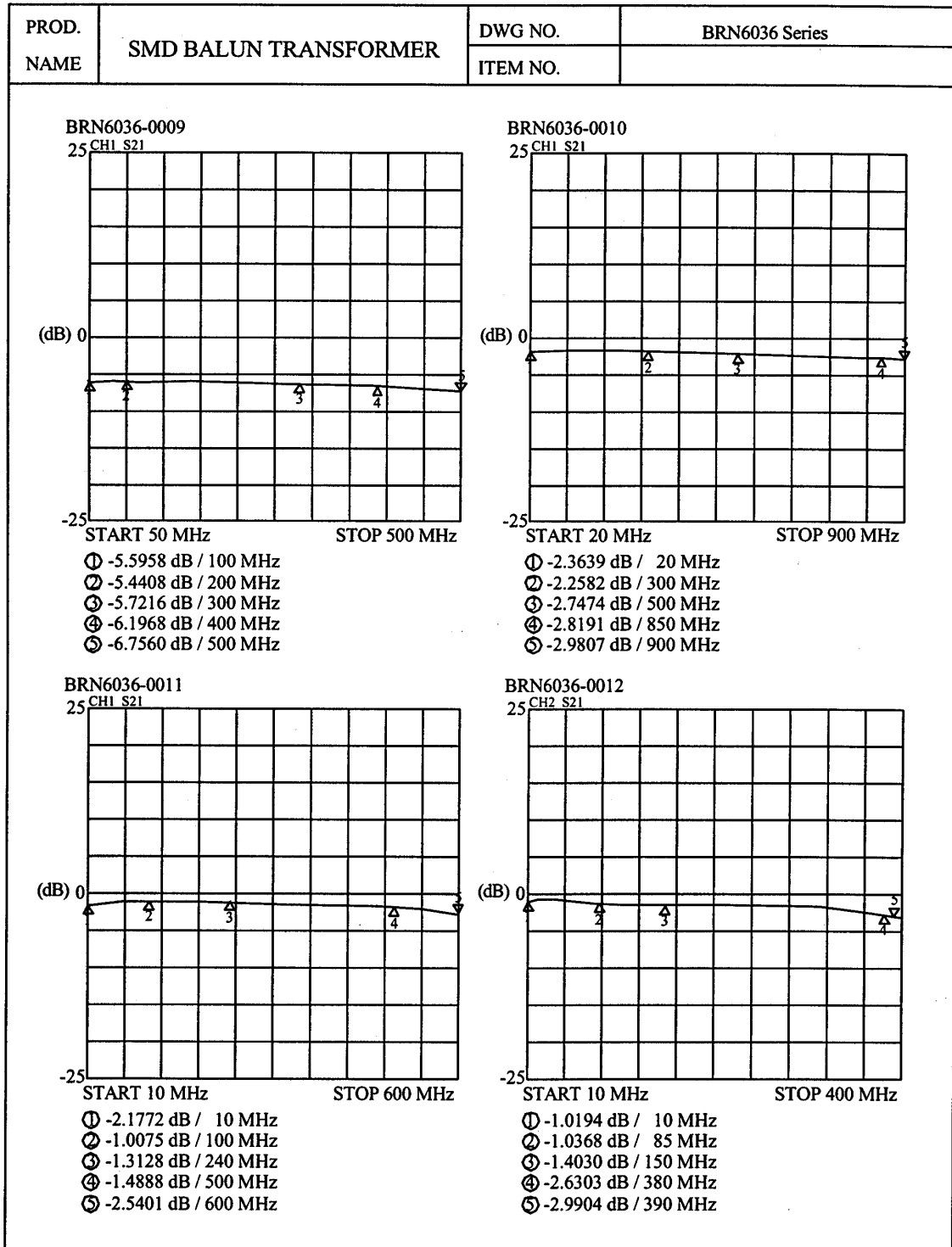
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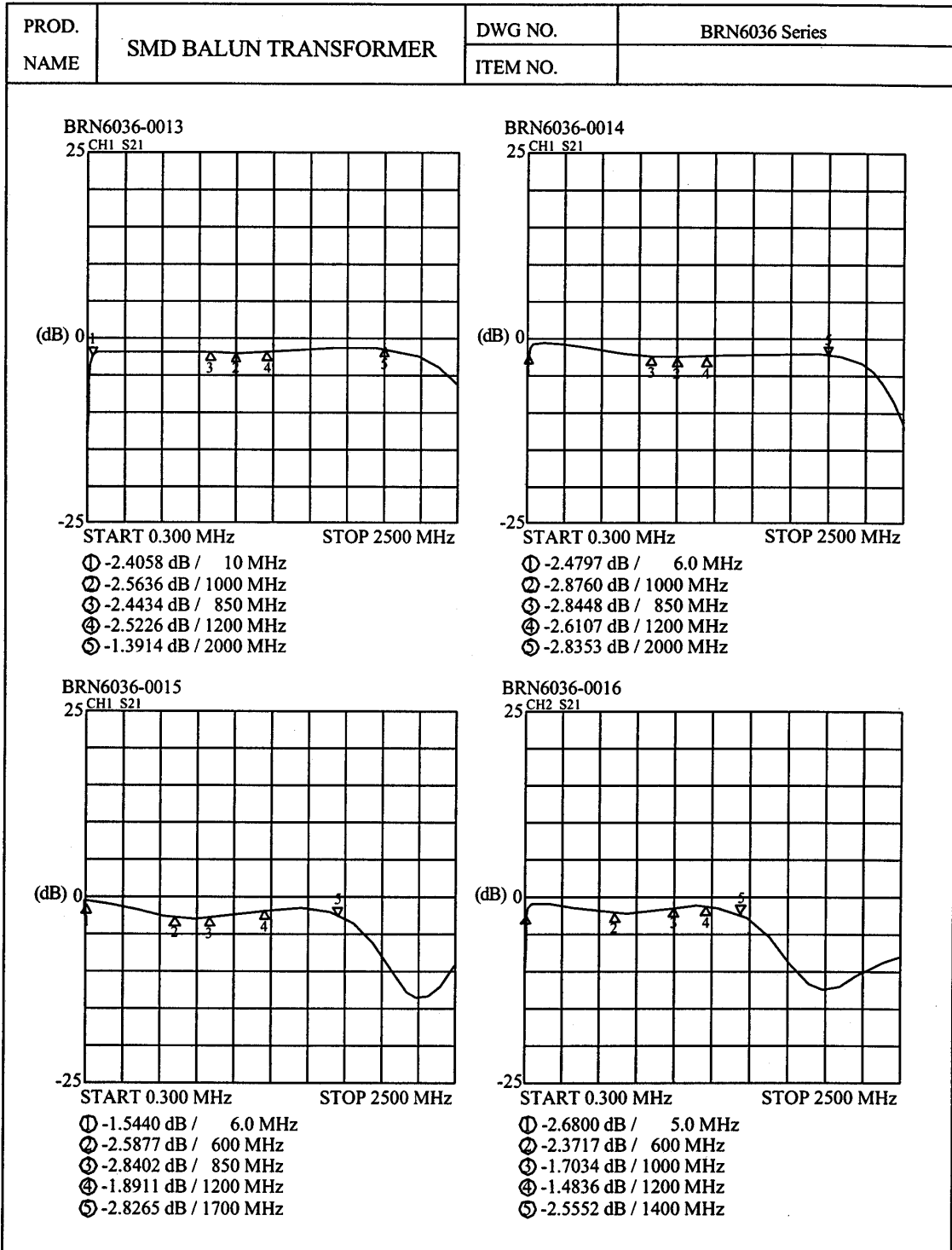
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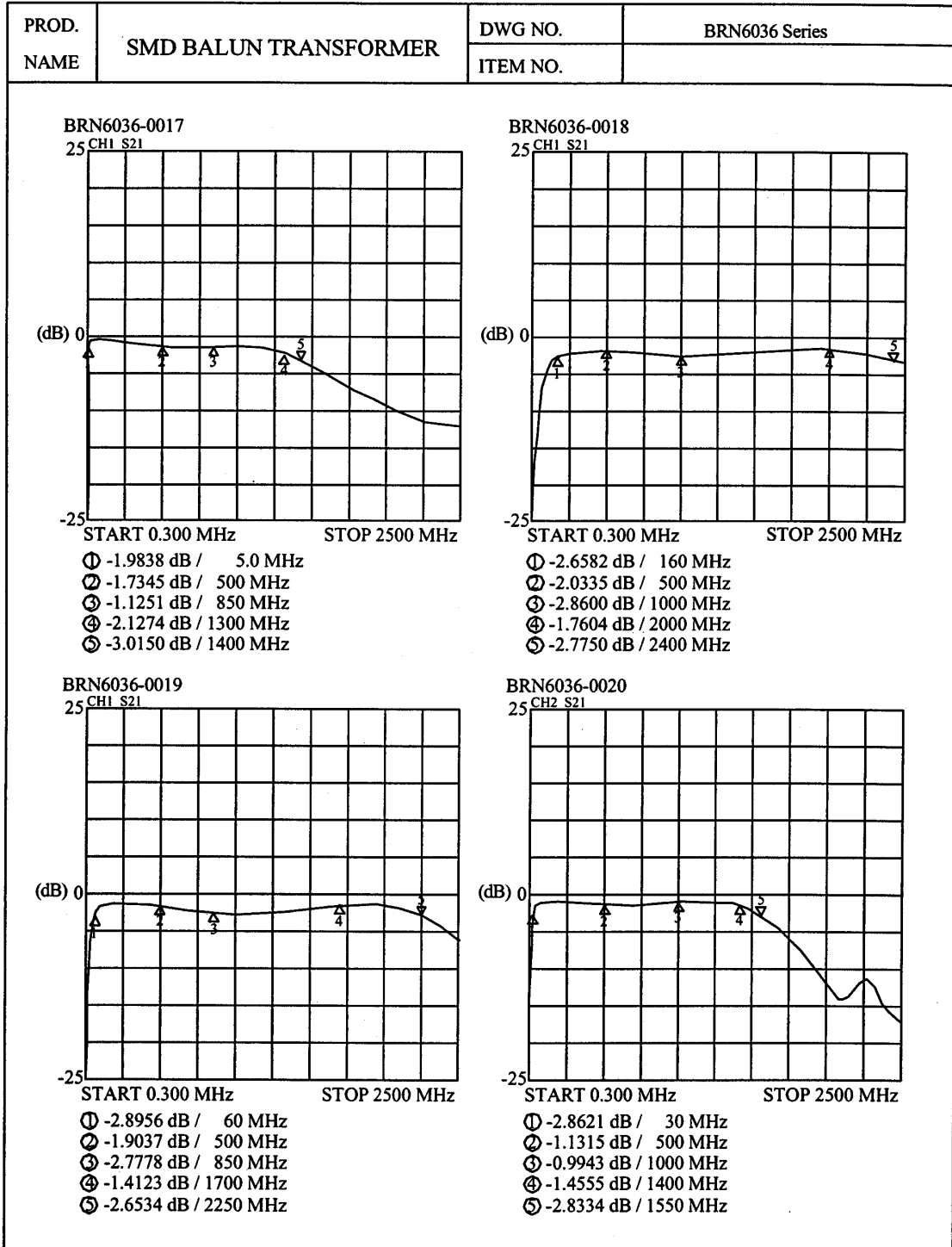
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Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Bourns:

<u>BRN6036-0009S</u>	<u>BRN6036-0003S</u>	<u>BRN6036-0019S</u>	<u>BRN6036-0014S</u>	<u>BRN6036-0004S</u>	<u>BRN6036-0005S</u>
<u>BRN6036-0013S</u>	<u>BRN6036-0006S</u>	<u>BRN6036-0016S</u>	<u>BRN6036-0017S</u>	<u>BRN6036-0010S</u>	<u>BRN6036-0007S</u>
<u>BRN6036-0011S</u>	<u>BRN6036-0018S</u>	<u>BRN6036-0015S</u>	<u>BRN6036-0008S</u>	<u>BRN6036-0012S</u>	<u>BRN6036-0020S</u>
<u>BRN6036-0001S</u>	<u>BRN6036-0002S</u>				