

Product Information

Control No. : ASP-800360-A 1

Issued on October 9 , 2024

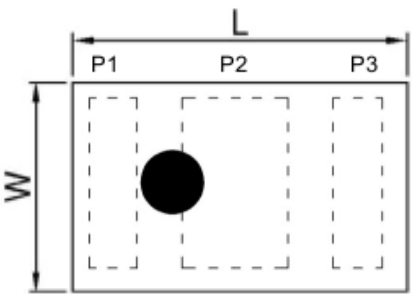
1. Type No.

PMDR80036A0

RoHS Compliant Part

2. Dimension (Unit : mm)

Top view

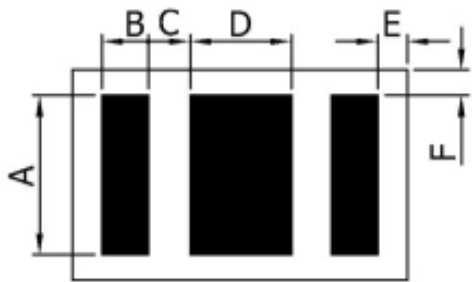


Side view

Side view



Bottom view



Terminal

P1	Input
P2	GND
P3	Output

Terminal Dimensions

L	2.00±0.15
W	1.25±0.15
T	0.65max
A	0.95±0.10
B	0.275±0.100
C	0.25±0.10
D	0.60±0.10
E	0.175±0.100
F	0.15±0.10

3. Electrical characteristics

Parameter		Specification	Typical	Unit	Remark
Frequency range		3300 - 5000	-	MHz	
Nominal impedance		50	-	ohm	
Insertion Loss	at +25℃	1.2 Max.	0.99	dB	
	at -40 ~ +85℃	1.3 Max.	-	dB	
Return Loss		10 Min.	-	dB	
Attenuation	700 - 2690 MHz	23 Min.	27.8	dB	
	6000 - 10000 MHz	17 Min.	23.2	dB	
	10000 - 15000MHz	17 Min.	21.5	dB	
Power capacity		3 Max.	-	W	

4. Note

- 4.1 Operating Temperature Range : -40 to +85 °C
4.2 Storage Temperature Range before soldering in taping package : +5 to +40 °C
4.3 Standard Reel Quantity : 2 ,000 pcs per reel
4.4 MSL : 1
4.5 This components are produced by OEM in PSA group.(Made in Taiwan)

Approved by

Y.Imai

Confirmed by

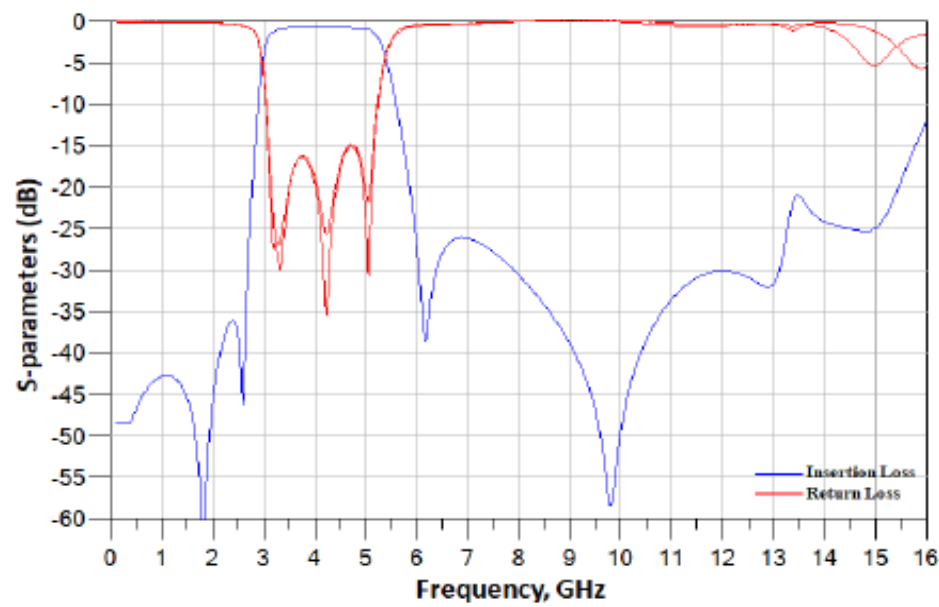
S.Suzuki

Raised by

K.Adachi

SOSHIN ELECTRIC CO., LTD

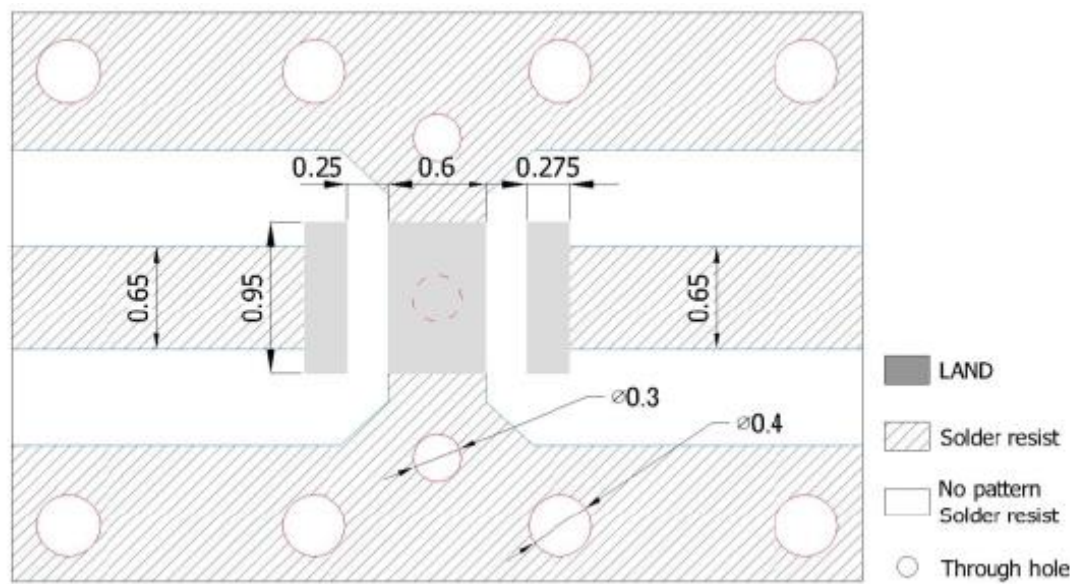
5.Representative characteristics



6.Recommendation Land Pattern (Unit:mm)

Land Pattern

Figure

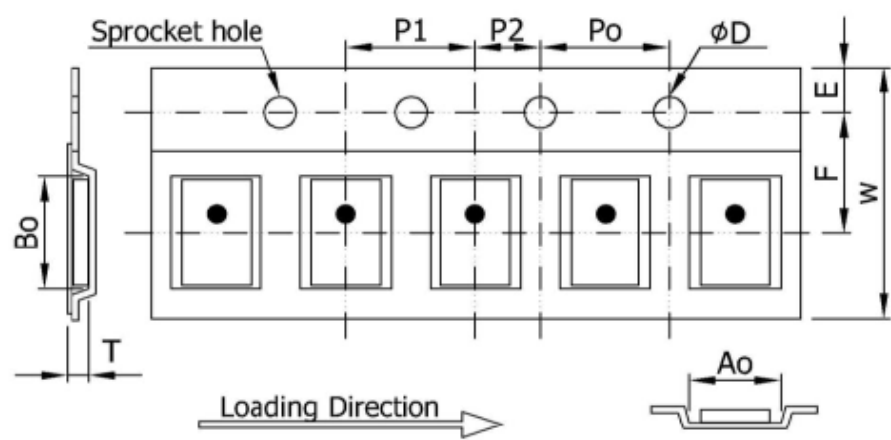


Unit: mm
Line width to be designed to match 50 Ω characteristic impedance, depending on PCB material and thickness.

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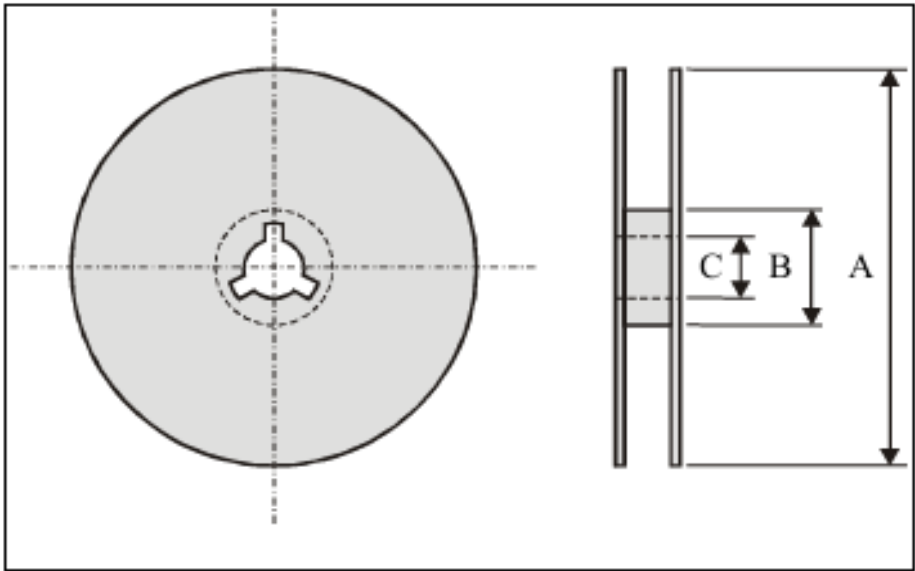
7.1 Dimensions of the carrier tape



Black conductive Tape specifications (unit :mm)

Index	A_0	B_0	ϕD	T	W
Dimension (mm)	1.40 ± 0.10	2.25 ± 0.10	1.55 ± 0.05	0.75 ± 0.10	8.00 ± 0.10
Index	E	F	P_0	P_1	P_2
Dimension (mm)	1.75 ± 0.10	3.50 ± 0.05	4.00 ± 0.10	4.00 ± 0.10	2.00 ± 0.05

7.2 Carrier tape reel dimensions



Index	A	B	C
Dimension (mm)	$\phi 178.0$	$\phi 60.0$	$\phi 13.0$