

SPECIFICATION FOR APPROVAL

CUSTOMER : Blume

CUSTOMER P/N :

SME P/N : MXAL4040-6R8M

EDITION : A.0

DATE : 2026-05-13

DRAWING		
MADE	CHECK	APPROVAL
Liu Heng	Li Shuo	Wang Bin

CUSTOMER APPROVE

SHANGHAI MEISONGBEI ELECTRONICS CO.,LTD

Add: No. 6818 Daye Highway, Fengxian District, Shanghai 201405, China

Tel:+86-21-62883517 Fax:+86-21-62883519

[Https://www.meisongbei.com](https://www.meisongbei.com)

E-mail:sales@meisongbei.com

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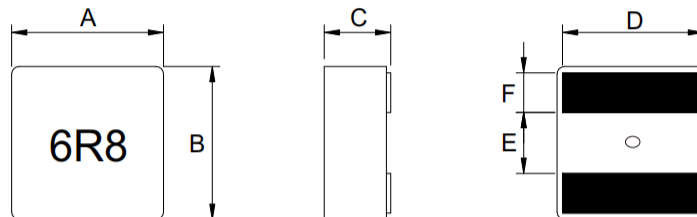
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Customer P/N:
SME P/N: MXAL4040-6R8M
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Meisongbei 美颂倍



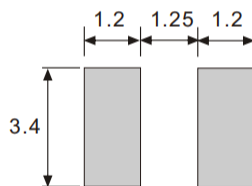
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A Dimensions: Unit(mm)

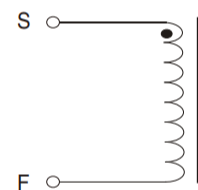


Part No.	A	B	C	D	E	F
MXAL4040-6R8M	4.0±0.3	4.0±0.3	4.1 max	3.2 Typ.	1.4±0.3	1.0±0.3

B Soldering: Unit(mm)



C Schematic:



D Electrical Specifications

Part Number	Inductance	DCR	Isat (L drop 30% max)	Irms (40°C Rise max)
	L(uH)	mΩ	Max	Max
MXAL4040-6R8M	6.8±20%	37.7 max.	5.2A	5.6A

E Test equipment

1. L: MICROTEST 6377(1MHz,1V)
2. DCR: MICROTEST 6377
3. Idc: MICROTEST 6377 and 6220

F Material List:

1. Core: Carbonyl powder
2. Coil: 220°C Flat wire
3. Solder: TIN-Sn99.95

G Test Condition:

1. Humidity: 75%
2. Temperature: 25°C

H General Specifications:

1. Storage temp range: -55°C to +155°C
2. Operating temp range: -55°C to +155°C

Made	Liu Heng	Checked	Li shuo	Approved	Wang Bin
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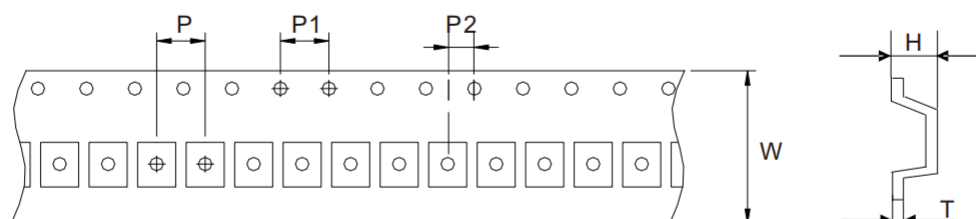
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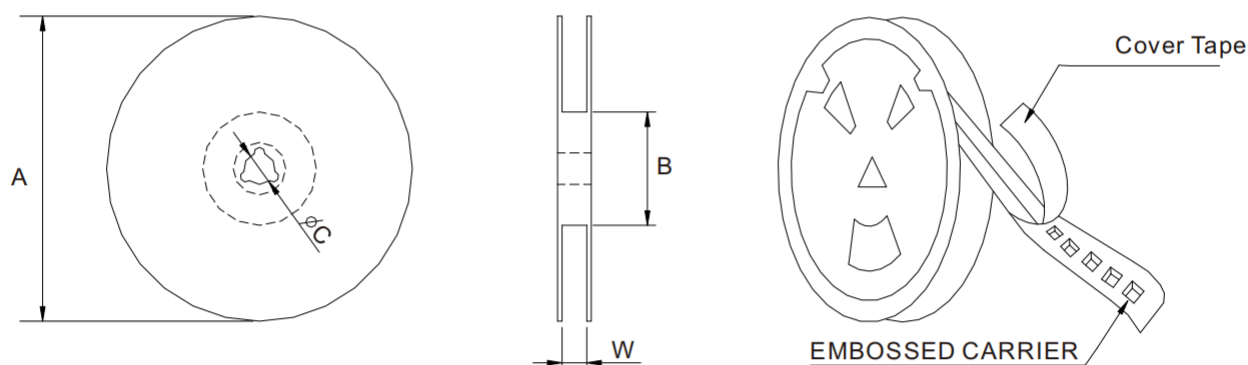
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I Tape & Reel Specifications:



Unit: mm

Type	Dimension	W	P	P1	P2	H	T
	Tolerance	±0.3	±0.1	±0.1	±0.1	±0.15	±0.05
MXAL4040-6R8M		12.0	8.0	4.0	2.0	4.30	0.35



Unit: mm

Type	Dimension	QTY Per Reel	A	B	C	W
	Tolerance	PCS	±2.0	±0.5	±0.5	±0.5
MXAL4040-6R8M		1500	330	97	13	12.0

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