

SRIDB5050 SERIES ~ SMD Common Mode Choke



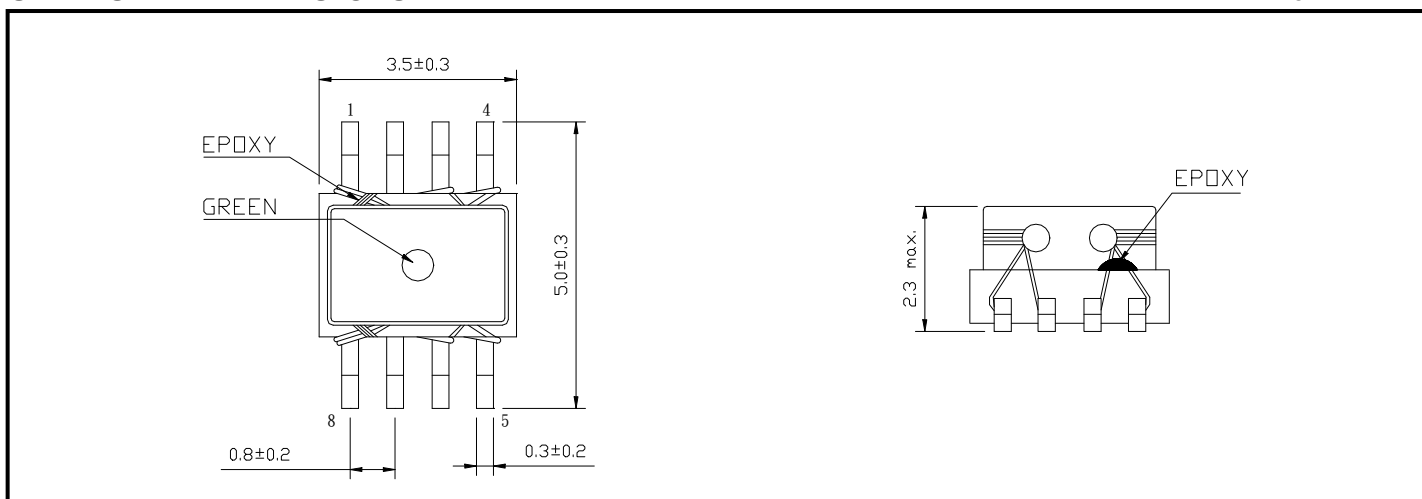
RoHS Compliant

PART NUMBERING SYSTEM

SRIDB	5 0 5 0	—	9 0 0 R	—	LF
TYPE	DIMENSIONS		IMPEDANCE		LEAD FREE

SHAPES AND DIMENSIONS

UNIT : mm



SPECIFICATION TABLE

PART NUMBER	RATED CURRENT (mA)	COMMON MODE IMPEDANCE (Ω)		DCR (Ω) max.	WITHSTANDI NG VOLTAGE (Vdc)	INSULATION RESISTANCE (Ω) (min)	OPERATING TEMP. (°C)
		100MHz	300MHz				
SRIDB5050-900R-LF	500	90±25%	250 (TYP.)	0.10	100	100 M	-40~+85
SRIDB5050-201R-LF	500	200±25%	300 (TYP.)	0.12	100	100 M	-40~+85
SRIDB5050-301R-LF	500	300±25%	530 (TYP.)	0.15	100	100 M	-40~+85
SRIDB6560-501R-LF	500	500±25%	900 (TYP.)	0.16	100	100 M	-40~+85

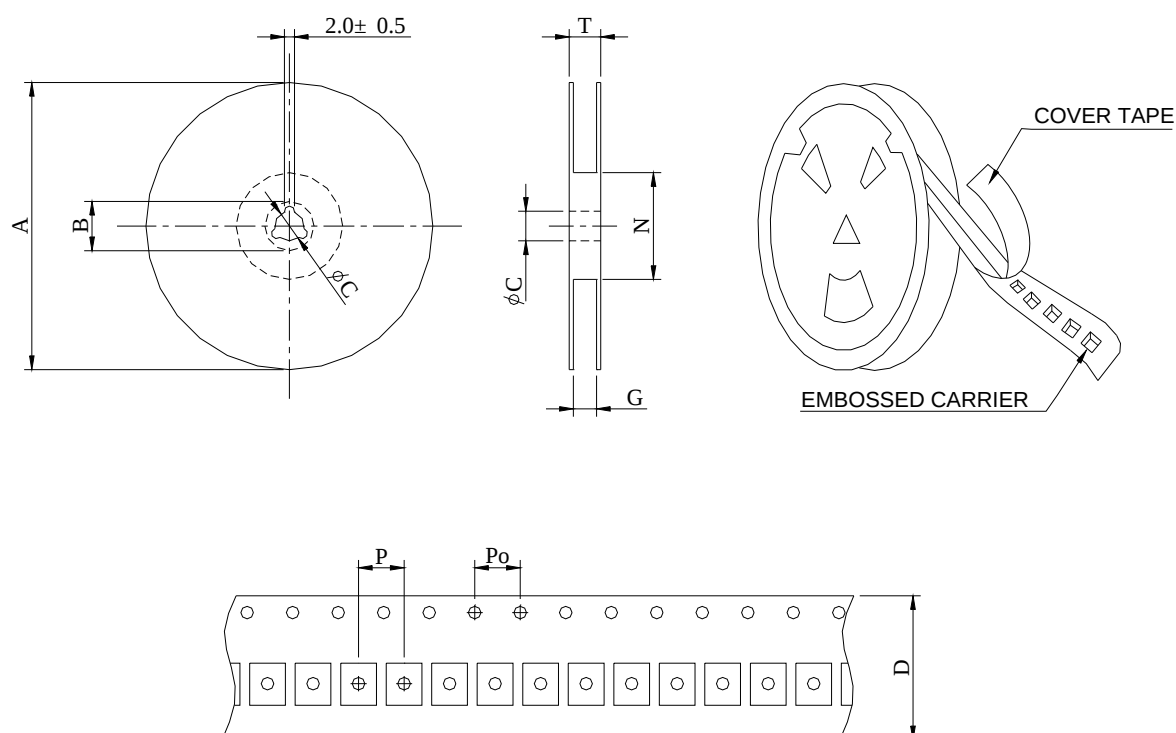
TEST EQUIPMENT : HP-4291A

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PACKAGING SPECIFICATION



SERIES	STAYLE	Q' TY (PCS)	DIMENSIONS (m/m)								
			A	B±0.8	C±0.5	D	G ⁺⁰	N ⁰	P	Po	T
SRIDB5050R	12	3000	330	21	13	12	12.4	75	8	4	16.4

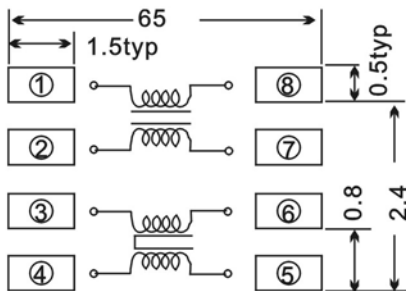
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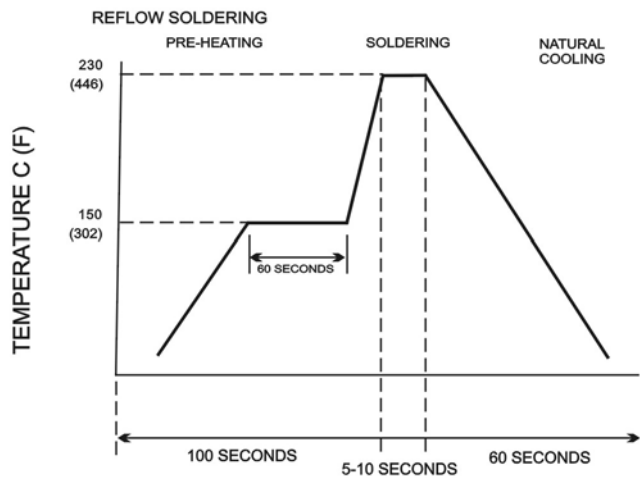
RECOMMENDED PC BOARD PATTERN (unit:mm)

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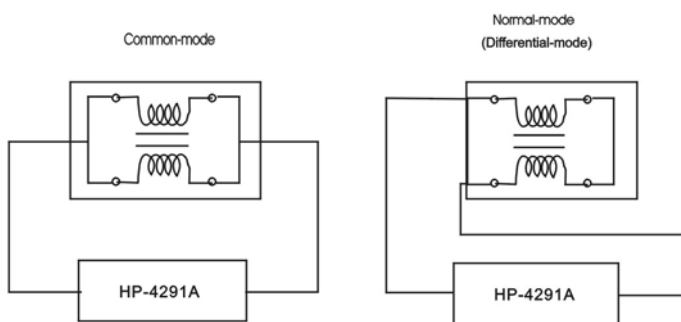
SRIDB 5050 R



RECOMMENDED REFLOW SOLDERING CONDIDIONS



MEASURING CIRCUIT



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TYPICAL ELECTRICAL CHARACTERISTICS

SRIDB 5050R SERIES COMMON MODE vs. NORMAL MODE CHARACTERISTICS

