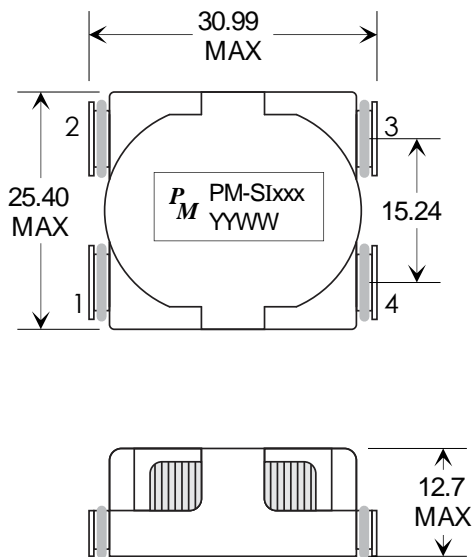


- \* Designed for better operating conditions.
- \* Current Rating: 9.5A to 38A
- \* Operating Temperature: -55°C to +130°C

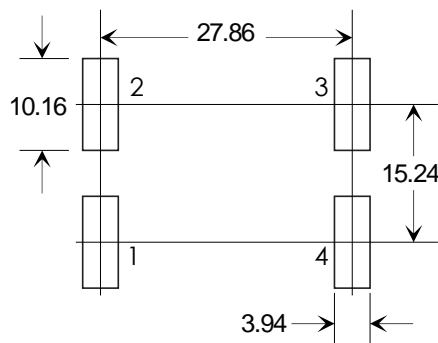
## ELECTRICAL SPECIFICATIONS AT 25°C

PART NUMBER	L (μH) @ 0 Adc	L (μH) @ Irated	Irated (A)	DCR (mΩ MAX)	ET (V-μS)	CONNECTION
PM-SI009	2.1	1.10	38.0	1.3	4.2	PARALLEL
PM-SI010	3.5	1.60	34.0	1.6	4.2	PARALLEL
PM-SI011	5.1	2.45	27.0	2.5	6.0	PARALLEL
PM-SI012	7.2	3.20	24.0	3.5	4.2	PARALLEL
PM-SI013	8.4	4.30	19.0	5.1	8.4	SERIES
PM-SI014	9.5	4.52	19.0	4.8	9.0	PARALLEL
PM-SI015	13.8	6.40	17.0	6.4	8.4	SERIES
PM-SI016	20.4	9.80	13.5	10.1	12.0	SERIES
PM-SI017	28.7	12.8	12.0	13.8	8.4	SERIES
PM-SI018	38.0	18.1	9.50	19.3	18.0	SERIES

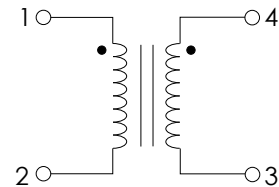
## DIMENSIONS IN mm



## SUGGESTED PCB LAYOUT:



## SCHEMATICS



# PM-SI SMT POWER INDUCTORS

*RoHS*

## CROSS REFERENCE LISTING

<u>PREMIER PART#</u>	<u>REFERENCE PART#</u>
PM-SI009	PULSER PL8304
PM-SI010	PULSER PL8303
PM-SI011	PULSER PL8302
PM-SI012	PULSER PL8301
PM-SI013	PULSER PL8304
PM-SI014	PULSER PL8300
PM-SI015	PULSER PL8303
PM-SI016	PULSER PL8302
PM-SI017	PULSER PL8301
PM-SI018	PULSER PL8300