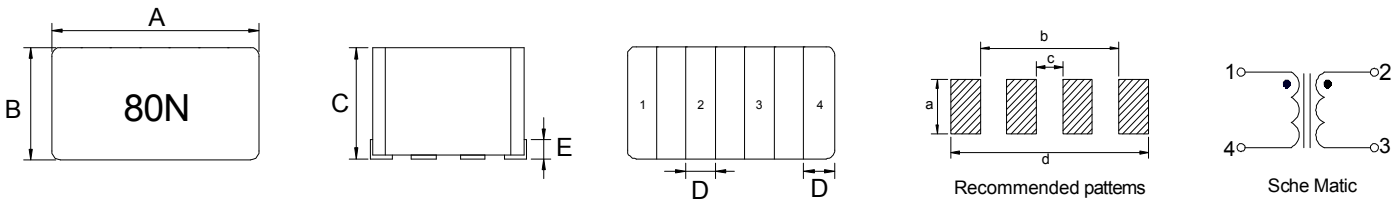
1. External Dimensions (Unit:m/m)



TYPE	A	B	C	D	E	a	b	c	d	Q'Ty/Reel
TLVR110475	10.8±0.2	4.0±0.2	7.5Max	1.5±0.2	1.5 Max	4.4Ref	7.8Ref	1.3Ref	11.4Ref	500

2. Part Number Code

TLVR	110475	N	80N	AM
A	B	C	D	E

A: Series Name — Molding Power Inductors
B: Dimensions(mm) — 110475：10.8x4.0x7.5
C: Tolerance — N： ±30%
D: Inductance — 80N=80nH
E : Internal controls

3. Electrical Characteristics

Part Number	Inductance (nH)	Test Frequency (KHz)	DC Resistance (mΩ)Max		Heat Rating Current Irms (A)Typ		Saturation Current Isat (A)Typ	Coupling Coefficient Typ
			1-4	2-3	1-4	2-3	1-4	
TLVR110475N80NAM	80	100KHz/1V	0.16	0.6	69	37	120	0.9

Notes:

1）All test data is referenced to 25℃ ambient.

2）Operating temperature range -55℃ to +125℃.

3）Irms :DC current(A) that will cause an approximate△T of 40℃.

4）Isat :DC current(A) that will cause lo to drop approximately 30%.

5）The part temperature(ambient + temp rise)should not exceed 125℃ under worst case operating conditions. Circuit design,component placement, PCB trace size and thickness,airflow and other cooling provisions all affect the part temperature,part temperature should be verified in the end application.