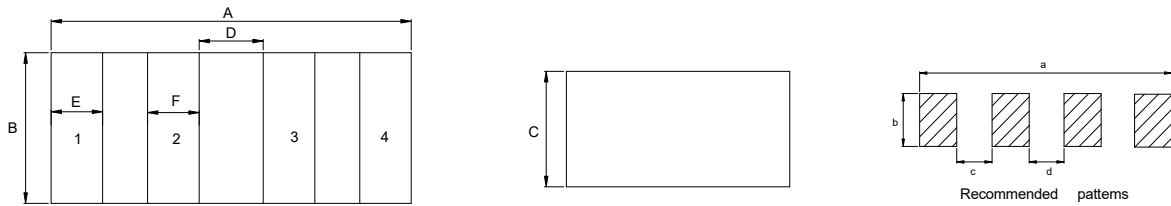


1. External Dimensions (Unit:m/m)



TYPE	A	B	C	D	E	F	a	b	c	d	Q'Ty/Ree I
TLVR754860	7.3±0.2	4.8Max	6.0Max	1.05±0.15	1.0±0.2	1.0±0.2	7.7 Ref	5.0 Ref	1.0 Ref	1.0 Ref	800

2. Part Number Code

TLVR 754860 M 85N DM
 A B C D E

A: Series Name Molding Power Inductors
 B: Dimensions(mm) 754860: 7.3x4.8x6.0
 C: Tolerance M: ±20%
 D: Inductance 85N=85nH
 E: Internal controls

3. Electrical Characteristics

Part Number	Inductance L1-4/L2-3(nH) @1MHz/1V	DC Resistance (mΩ) Max		Heat Rating Current Irms (A)(1-4)		Heat Rating Current Irms (A)(2-3)		Saturation Current Isat (A)	
		1-4	2-3	Typ	Max	Typ	Max	Typ	Max
TLVR754860M85NDM	85	0.16	0.6	65	60	35	30	100	90

Notes:

- 1) All test data is referenced to 25°C ambient.
- 2) Operating temperature range -55°C to +125°C.
- 3) Irms :DC current(A) that will cause an approximate ΔT of 40°C.
- 4) Isat :DC current(A) that will cause I_o to drop approximately 30%.
- 5) The part temperature(ambient + temp rise)should not exceed 125°C 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.