

HDPI73 Series

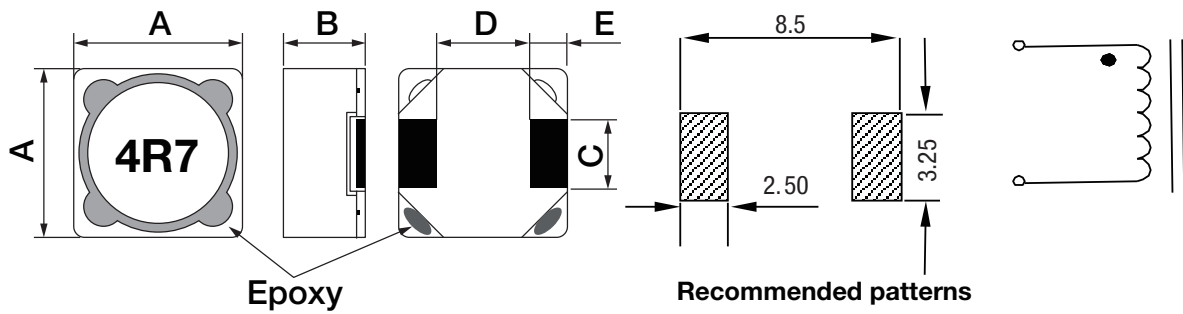
FEATURES

- Various high power inductors are superior to be high saturation for surface mounting.
- AEC-Q200 Qualified, High power density, high efficiency, shielded drum core power inductors
- Magnetically shielded-reduces EMI, Ferrite core material

APPLICATIONS

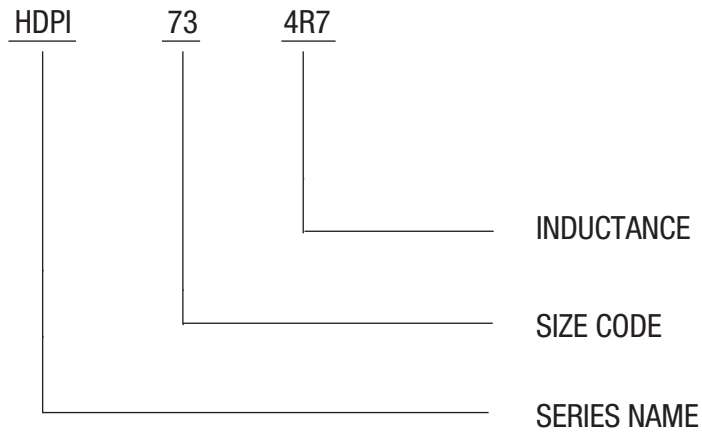
- Automotive(LDM, Body electronics, Engine and powertrain systems)
- Handles high transient inrush current spikes
- Portable media players
- GPS/PDAs, Battery operated devices

DIMENSIONS(mm)



A	B	C	D	E
7.8 Max.	3.7 Max.	1.5±0.2	3.9±0.3	1.55±0.2

IDENTIFICATION



ENVIRONMENTAL DATA

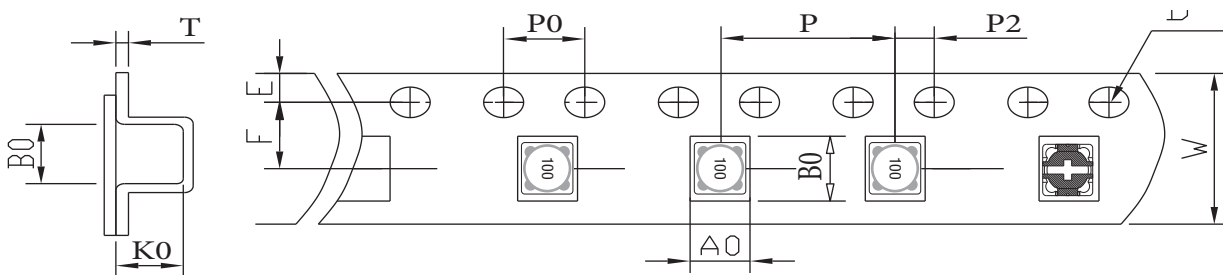
- Storage temperature range (component) : -40°C to +155°C
- Operating temperature range : -40°C to +155°C (Ambient plus self temperature rise)
- Solder reflow temperature : J-STD-020D
- Compliant Halogen free, lead free, RoHS compliant



HDPI Series Line-Up

Part. No.	Inductance @1MHz[μH]	Saturation CurrentI _{sat} 30% [A]	Saturation CurrentI _{sat} 30% [A] Typ.	Rated CurrentI _{dc} [A] Typ. (ΔT = 40°C)
HDPI73-4R7-R	4.7 ±20%	41(50)	3.52	2.92
HDPI73-6R8-R	6.8 ±20%	50(65)	2.96	2.62
HDPI73-100-R	10 ±20%	72(84)	2.39	2.11
HDPI73-150-R	15 ±20%	100(130)	2.0	1.74
HDPI73-220-R	22 ±20%	130(170)	1.64	1.42
HDPI73-330-R	33 ±20%	197(219)	1.35	1.25
HDPI73-470-R	47 ±20%	260(330)	1.10	1.02
HDPI73-680-R	68 ±20%	417(476)	0.93	0.84

REEL TAPE SPECIFICATION



Part No.	W	A0	B0	K0	D	F	E	P	P0	P2	T
HDPI73	16.0 ±0.3	7.8 ±0.1	7.8 ±0.1	4.8 ±0.1	1.5 ±0.1	7.5 ±0.1	1.75 ±0.1	8.0 ±0.2	4.0 ±0.1	2.0 ±0.1	0.4 ±0.05

