

HDPI74 Series

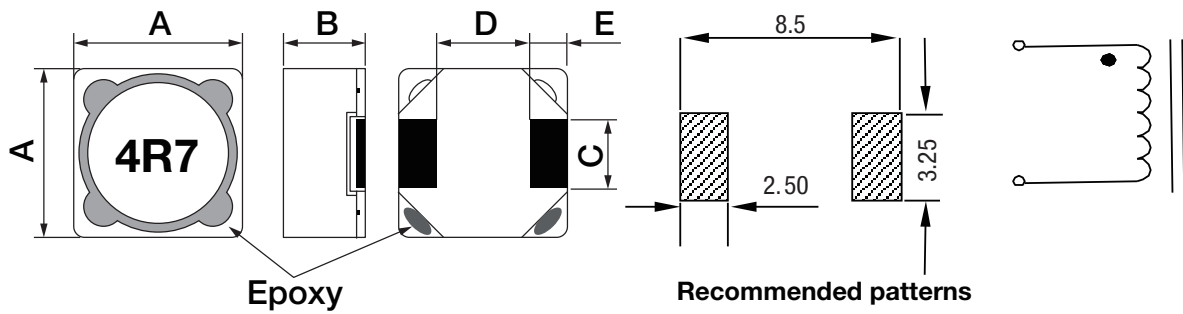
FEATURES

- 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

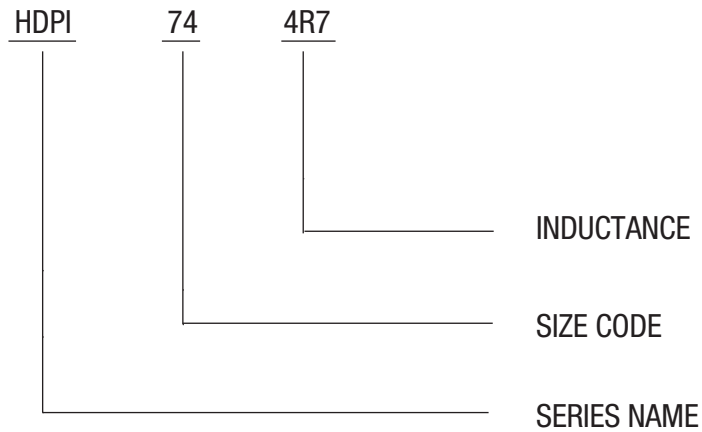
- Automotive(LDM, Body electronics, Engine and powertrain systems)
- Handles high transient inrush current spikes
- Portable media players
- GPS/PDAs, Battery operated devices

DIMENSIONS(mm)



A	B	C	D	E
7.8 Max.	4.5 Max.	1.5±0.2	3.9±0.3	1.55±0.2

IDENTIFICATION



ENVIRONMENTAL DATA

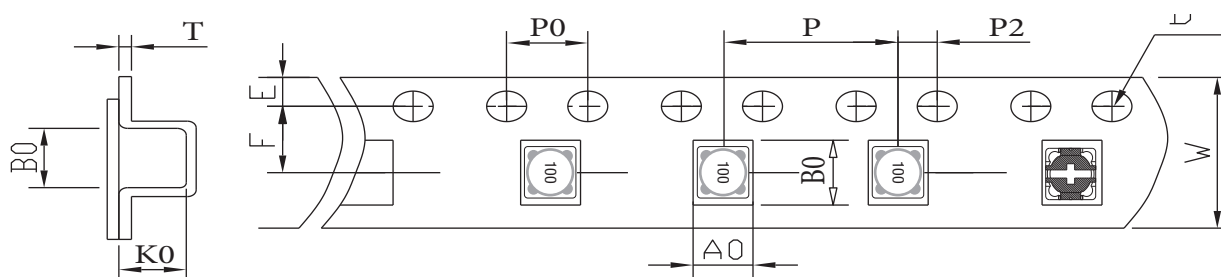
- Storage temperature range (component) : -40°C to +155°C
- Operating temperature range : -40°C to +155°C (Ambient plus self temperature rise)
- Solder reflow temperature : J-STD-020D
- Compliant Halogen free, lead free, RoHS compliant



HDPI Series Line-Up

Part. No.	Inductance @1MHz[μH]	DC Resistance[mΩ] Typ(Max)	Saturation Current _{sat} 30% [A] Typ.	Rated Current _{dc} [A] Typ. (ΔT = 40°C)
HDPI74-4R7-R	4.7 ±20%	22(29)	6.20	4.20
HDPI74-100-R	10 ±20%	44(52)	4.20	3.80
HDPI74-150-R	15 ±20%	70(80)	3.50	2.50
HDPI74-220-R	22 ±20%	98(120)	2.60	2.40
HDPI74-330-R	33 ±20%	140(181)	2.30	1.70
HDPI74-470-R	47 ±20%	216(263)	1.85	1.72
HDP74-680-R	68 ±20%	264(343)	1.62	1.41
HDP74-101-R	100 ±20%	398(503)	1.35	0.95

REEL TAPE SPECIFICATION



Part No.	W	A0	B0	K0	D	F	E	P	P0	P2	T
HDPI74	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

