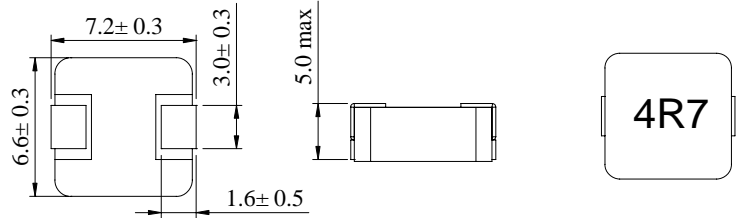
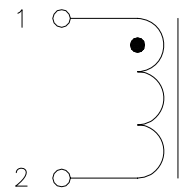
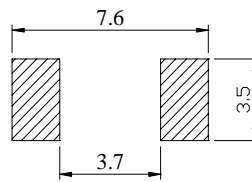


Shielded Power Inductors

★ XWP-HFW0605M Type


SHAPES&DIMENSION

Unit:mm


PCB LAYOUT
CONNECTIONS

Feature & Application

- Shielded Construction.
- Frequency Range up to 5 MHz
- Inductance rang :0.1uH to 10uH.
- Lead free and ROHS compliant.
- Low Buzz Noise, due to compositrion.
- PDA/Notebook/Desktop/Server Applications
- Low Profile, High Current Power Supplies
- Battery Powered Devices
- DC/DC Converters for Power System Distribution

STANDARD SPECIFICATION

XWP P/N	Inductance L(uH)±20%	DCR (mΩ)		Saturation Rated Current I sat (A) Typical	Temperature Rise Current I rms (A) Typical
		Typical	Max		
XWP-HFW0605M-R56M	0.56	3.4	3.6	12	20
XWP-HFW0605M-R68M	0.68	4.2	4.5	12	18
XWP-HFW0605M-R82M	0.82	4.6	4.9	13	17
XWP-HFW0605M-1R0M	1.00	5.6	6.5	15	13
XWP-HFW0605M-1R5M	1.5	8.6	9.0	12	12
XWP-HFW0605M-2R2M	2.2	13.0	13.6	10	10
XWP-HFW0605M-3R3M	3.3	19.9	20.9	8	8
XWP-HFW0605M-4R7M	4.7	28.9	30	7	6.5
XWP-HFW0605M-5R6M	5.6	32.7	34	7	6.0
XWP-HFW0605M-6R8M	6.8	42.5	45	6	5.5
XWP-HFW0605M-8R2M	8.2	48.3	51	5	5.0
XWP-HFW0605M-100M	10	67.9	71	4.5	4.5

● Inductance test: 100kHz, 0.25V
 ● Saturation Rated Current: 30% lower than its initial value.
 ● Operating Temperature: -55°C ~ 120°C
 ● Tolerance of Inductance: ±20%
 ● Temperature Rise Current: ΔT=40°C