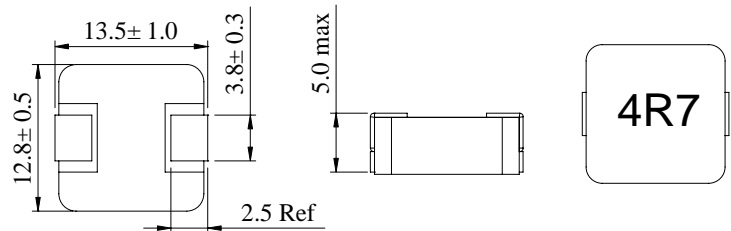
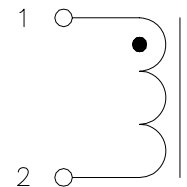
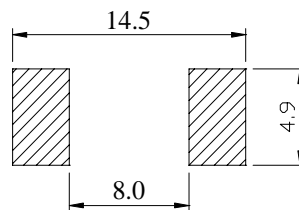


Shielded Power Inductors

★ XWP-HFW1250M 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 composite constrction.
- 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 Irms (A) Typical
		Typical	Max		
XWP-HFW1250M-R10M	0.10	0.530	0.6	118	55
XWP-HFW1250M-R22M	0.22	0.64	0.8	110	51
XWP-HFW1250M-R33M	0.33	0.85	1.1	80	42
XWP-HFW1250M-R47M	0.47	1.10	1.3	65	38
XWP-HFW1250M-R56M	0.56	1.30	1.5	55	36
XWP-HFW1250M-R68M	0.68	1.50	1.7	54	34
XWP-HFW1250M-R82M	0.82	2.00	2.3	53	31
XWP-HFW1250M-1R0M	1.0	2.10	2.5	50	29
XWP-HFW1250M-1R2M	1.2	2.80	3.5	49	25
XWP-HFW1250M-1R5M	1.5	3.40	4.1	48	23
XWP-HFW1250M-1R8M	1.8	4.20	4.9	40	19
XWP-HFW1250M-2R2M	2.2	4.60	5.5	32	20
XWP-HFW1250M-3R3M	3.3	7.70	9.2	32	15
XWP-HFW1250M-4R7M	4.7	12.8	15.0	27	12
XWP-HFW1250M-5R6M	5.6	14.0	16.5	22	11.5
XWP-HFW1250M-6R8M	6.8	15.4	18.5	21	11
XWP-HFW1250M-7R8M	7.8	17.2	20.5	18	10
XWP-HFW1250M-8R2M	8.2	18.9	22.5	18	9.5
XWP-HFW1250M-100M	10	21.4	25.5	16	9.0
XWP-HFW1250M-220M	22	50	58.0	8	5.5
XWP-HFW1250M-330M	33	100	115.0	5	4.0

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