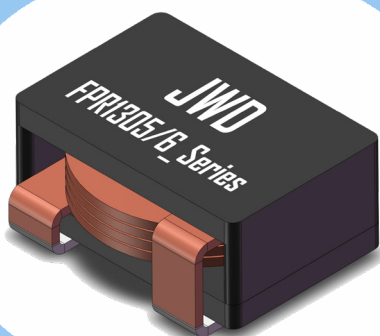




经纬达科技
JWD TECHNOLOGY



AEC-Q200



IATF16949



RoHS COMPLIANT

FPR130X SERIES

HIGH CURRENT FLAT WIRE INDUCTOR

Features And Benefits:

- Flat Wire Helical Winding To Achieve Compact Size
- Ferrite Core To Minimize AC Loss
- Easily Customized
- AEC-Q200 Qualified
- Larger Terminations For Lower DCR And Stronger Solder Joint

Electrical Specifications

Part Number	Mech. Drawing	Height (mm)	Inductance ($\mu\text{H} \pm 20\%$)	DCR(m Ω) Max at 25°C	DCR(m Ω) Typ at 25°C	Isat (A)	Irms (A)
FPR1305-R50M	A Type	5.00	0.50	0.73	0.67	30.00	17.60
FPR1306-R95M	A Type	6.00	0.95	1.19	1.08	23.00	15.40
FPR1305-IR1M	A Type	5.00	1.10	1.85	1.69	20.00	6.90
FPR1306-IR5M	A Type	6.00	1.50	1.66	1.51	19.00	12.90
FPR1305-2R2M	A Type	5.00	2.20	3.31	3.02	16.50	7.00
FPR1306-2R4M	A Type	6.00	2.40	3.04	2.77	16.50	8.40
FPR1305-3R0M	A Type	5.00	3.00	3.31	3.02	12.00	7.00
FPR1306-4R0M	A Type	6.00	4.00	5.19	4.74	13.00	5.40

NOTES:

- Inductance At Isat Causes An Inductance Drop Of <30% From Its Value Without Current
- All Test Data Is Referenced To 25°C Ambient
- Inductance Test Condition: 100kHz 0.1V
- Maximum Part Temperature: +155°C



经纬达科技
JWD TECHNOLOGY

A Type

