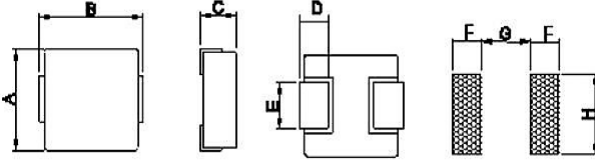


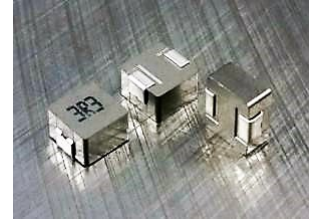


SMD Shielded Flat Wire Power Choke FWPC630

Dimensions: (mm)



A	B	C	D	E	F	G	H
6.6+/-0.2	7.0+/-0.3	2.8+/-0.2	1.6+/-0.3	3.0+/-0.3	2.35	3.7	3.5



Wilco Part Number	Inductance (uH)	Tolerance (+/-)	Test Frequency (Khz, 0.25V)	DCR (m Ohms) Max	Isat (A) Typ	Irms (A) Typ
FWPC630-R22M-LF	0.22	20	100	3	34	24
FWPC630-R33M-LF	0.33	20	100	3.5	25	21
FWPC630-R47M-LF	0.47	20	100	4.1	20	18
FWPC630-R56M-LF	0.56	20	100	4.5	18	16.5
FWPC630-R68M-LF	0.68	20	100	5.3	17	16
FWPC630-1R0M-LF	1	20	100	7.4	15	12
FWPC630-1R5M-LF	1.5	20	100	12.1	14	12
FWPC630-2R2M-LF	2.2	20	100	15	10	9.5
FWPC630-3R3M-LF	3.3	20	100	22	9.5	8.5
FWPC630-4R7M-LF	4.7	20	100	33	6.5	6
FWPC630-6R8M-LF	6.8	20	100	48	6	5
FWPC630-100M-LF	10	20	100	67	5.5	4.5
FWPC630-150M-LF	15	20	100	115	4.5	3
FWPC630-220M-LF	22	20	100	200	3	2.3
FWPC630-330M-LF	33	20	100	310	2.5	2

Features

- Magnetically Shielded Construction
- Ultra High Saturation Current up to 14A
 - Low DC Resistance
- Expanded operating temp range
 - Suitable for pick and place

Electrical

Inductance Range: 0.22μH to 33μH
Tolerance: 20% over entire range
Test Frequency : 100KHz, 0.25V
Operating Temp: -55°C ~ +125°C
Storage Temp: -55°C ~ +125°C
Irms: Current at which The Temperature would Rise by Approximately 40°C
Isat: Current at which The Inductance will Drop by Approximately 30%
 Under no condition should the part exceed 125°C

Resistance to Soldering Heat

Pre-Heat: 160°C ±10°C
Solder Heat Resistance: 260°C ± 5°C for 10±1 sec.
Temp: 85°C ± 2°C

Physical

Packaging: 1500pcs per 13 inch reel
Marking: EIA Inductance Code