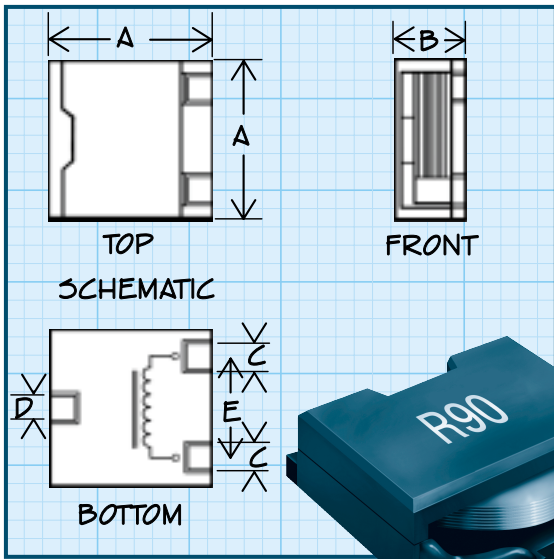


Series FW1405R FW1405

RoHS
Compliant

Traditional
First Quality

Surface Mount High Current Power Choke



POWER INDUCTORS

Physical Parameters

	Inches	Millimeters
A	0.500 ± 0.016	12.7 ± 0.4
B	0.209 ± 0.012	5.3 ± 0.3
C	0.079 ± 0.008	2.0 ± 0.2
D	0.094 ± 0.008	2.4 ± 0.2
E	0.276 ± 0.012	7.0 ± 0.3
F	0.118 Ref	3.0 Ref
G	0.276 Ref	7.0 Ref
H	0.157 Ref	4.0 Ref

Mechanical Configuration

Flat wire allows for high current ratings in a compact surface mount package. Three terminal position pattern provides secure mounting. Wire is wound on UL94V-0 rated coil former that anchors lead wire exit for excellent coplanarity and lead position.

Test condition Inductance tested at 100KHz

Ambient Temperature Range -25°C to +80°C

Temperature Rise from +25°C Ambient
40°C max with max current rating

Rating Current 25% max decrease in initial inductance

Packaging Tape & reel 24mm width
600 pieces max on 13" reel; 7" reel not available

DASH NUMBER*

INDUCTANCE
±15% (µH)

DCR (mΩ) Max.

RATED CURRENT
(Amps DC)

SERIES FW 1405

DASH NUMBER*	INDUCTANCE ±15% (µH)	DCR (mΩ) Max.	RATED CURRENT (Amps DC)
-401	0.40	1.80	24
-901	0.90	2.80	20
-162	1.60	3.90	15
-252	2.50	4.80	12
-392	3.90	5.80	10

*Complete part # must include series # PLUS the dash #

For further surface finish information,
refer to TECHNICAL section of this catalog.

RECOMMENDED LAND PATTERN

