LOW PROFILE SURFACE-MOUNT POWER INDUCTORS FASPI-0401C SERIES

FEATURES:

Ceramic housing
High Frequency Design
Excellent Q Values
Excellent SRF
Excellent Thermal Stability
Low profile
Small Foot Print

OPTIONS:

Tape & Reel is Standard
(Qty:2000pcs.)
Bulk packaging Available
for Smaller Quantities
Tolerance:K=10%,M=20% is
Standard,Tighter Tolerances Available

COMMON APPLCATIONS:

Modems
Mobile Radios
Cordless Telephones
Global Positioning Systems
Wireless Communications Equipment
Networking System,xDSL Filter
Computer Products and Peripherals

ELECTRICAL CHARACTERISTICS:

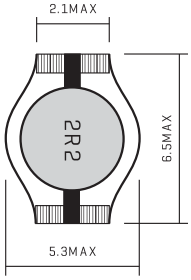
Part Number	Inductance (uH±20)	Test Frequency	DCR Max (Ω)	Last (A)
FASPI0401C-1R0M	1.0	100KHz	0.08	0.55
FASPI0401C-1R5M	1.5	100KHz	0.10	0.54
FASPI0401C-2R2M	2.2	100KHz	0.12	0.53
FASPI0401C-3R3M	3.3	100KHz	0.16	0.45
FASPI0401C-4R7M	4.7	100KHz	0.20	0.43
FASPI0401C-6R8M	6.8	100KHz	0.32	0.38
FASPI0401C-100M	10	100KHz	0.41	0.3
FASPI0401C-150M	15	100KHz	0.55	0.27
FASPI0401C-220M	22	100KHz	0.85	0.22
FASPI0401C-330M	33	100KHz	1.30	0.18
FASPI0401C-470M	47	100KHz	1.80	0.14
FASPI0401C-680M	68	100KHz	2.50	0.12
FASPI0401C-101M	100	100KHz	3.50	0.095
FASPI0401C-151M	150	100KHz	5.00	0.075
FASPI0401C-221M	220	100KHz	7.00	0.06
FASPI0401C-331M	330	100KHz	15.0	0.045

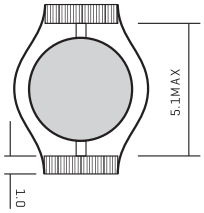
Note:1. K=±10%,M=±20%,N=±30%

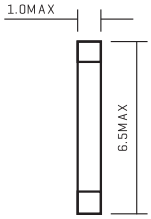
TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

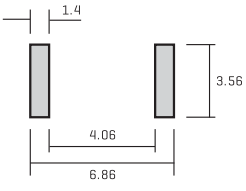
Inductance(L)measured@noted frequencies with ODC bias HP 4284A
Operating Temperature:-55℃ to85℃
Inductonce Drops By 10% at Max rated in uH
Marking per EIA Standard colour code in uH
Dimensions in mm
Specifications subject to change without notice

DIMENSIONS IN: mm









LAND PATTERNS

LOW PROFILE SURFACE-MOUNT POWER INDUCTORS FASPI-0402C SERIES

FEATURES:

Ceramic housing
High Frequency Design
Excellent Q Values
Excellent SRF
Excellent Thermal Stability
Low profile
Small Foot Print

OPTIONS:

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(Qty:2000pcs.)
Bulk packaging Available
for Smaller Quantities
Tolerance:K=10%,M=20% is
Standard,Tighter Tolerances Available

COMMON APPLCATIONS:

Modems
Mobile Radios
Cordless Telephones
Global Positioning Systems
Wireless Communications Equipment
Networking System,xDSL Filter
Computer Products and Peripherals

ELECTRICAL CHARACTERISTICS:

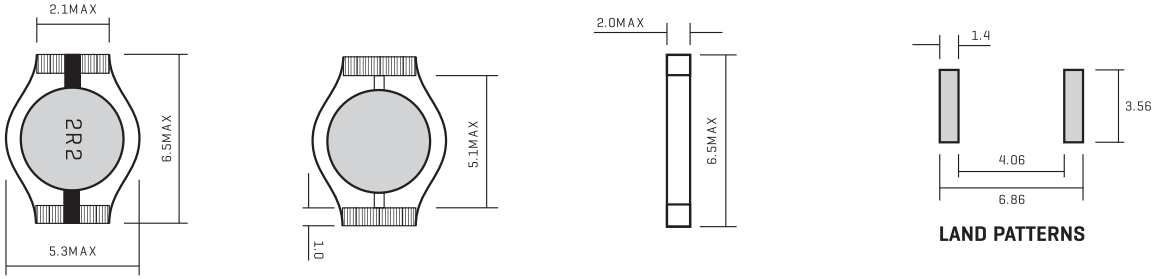
Part Number	Inductance (uH±20%)	DCR Max (Ω)	Last (A)
FASPI0402C-1R0M	1.0	0.040	2.5
FASPI0402C-1R5M	1.5	0.06	2.2
FASPI0402C-2R2M	2.2	0.070	1.8
FASPI0402C-3R3M	3.3	0.10	1.4
FASPI0402C-4R7M	4.7	0.120	1.2
FASPI0402C-6R8M	6.8	0.19	1.1
FASPI0402C-100M	10	0.26	1.0
FASPI0402C-150M	15	0.40	0.8
FASPI0402C-220M	22	0.54	0.6
FASPI0402C-330M	33	0.74	0.5
FASPI0402C-470M	47	1.1	0.45
FASPI0402C-680M	68	1.6	0.35
FASPI0402C-101M	100	2.3	0.30
FASPI0402C-151M	150	3.2	0.25
FASPI0402C-221M	220	5.7	0.20
FASPI0402C-331M	330	8.2	0.16
FASPI0402C-471M	470	10.8	0.14
FASPI0402C-681M	680	17.2	0.12
FASPI0402C-102M	1000	22.6	0.08

Note:1 K=±10% M=±20% N=±30%

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

Inductance(L)measured@noted frequencies with ODC bias
Operating Temperature:-55℃ to 85℃
Inductance Drops By 10% at Max rated in uH
Marking per EIA Standard colour code in uH
Dimensions in mm
Specifications subject to change without notice

DIMENSIONS IN: mm



LAND PATTERNS

LOW PROFILE SURFACE-MOUNT POWER INDUCTORS FASPI-0602C SERIES

FEATURES:

Ceramic housing
High Frequency Design
Excellent Q Values
Excellent SRF
Excellent Thermal Stability
Low profile
Small Foot Print

OPTIONS:

Tape & Reel is Standard
(Qty:2000pcs.)
Bulk packaging Available
for Smaller Quantities
Tolerance:K=10%,M=20% is
Standard,Tighter Tolerances Available

COMMON APPLCATIONS:

Modems
Mobile Radios
Cordless Telephones
Global Positioning Systems
Wireless Communications Equipment
Networking System,xDSL Filter
Computer Products and Peripherals

ELECTRICAL CHARACTERISTICS:

Part Number	Inductance (uH±20%)	Test Frequency	DCR Max (Ω)	Last (A)
FASPI0602C-4R7M	4.7	100KHz	0.145	1.60
FASPI0602C-6R8M	6.8	100KHz	0.165	1.30
FASPI0602C-100M	10	100KHz	0.240	1.00
FASPI0602C-150M	15	100KHz	0.300	0.90
FASPI0602C-220M	22	100KHz	0.420	0.70
FASPI0602C-330M	33	100KHz	0.550	0.60
FASPI0602C-470M	47	100KHz	0.765	0.50
FASPI0602C-680M	68	100KHz	1.10	0.40
FASPI0602C-101M	100	100KHz	1.60	0.30
FASPI0602C-151M	150	100KHz	2.50	0.25
FASPI0602C-221M	220	100KHz	3.65	0.22
FASPI0602C-331M	330	100KHz	4.65	0.18
FASPI0602C-471M	470	100KHz	6.75	0.14
FASPI0602C-681M	680	100KHz	9.15	0.12
FASPI0602C-102M	1000	100KHz	14.20	0.10

Note:1 K=±10% M=±20% N=±30%

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

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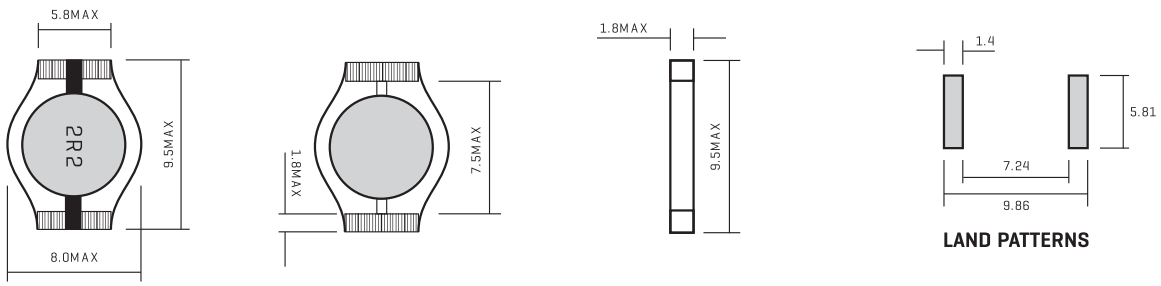

LAND PATTERNS