

SURFACE-MOUNTED TOROIDAL COILS

ASTP SERIES

01, 02



FEATURES:

- High Frequency
- Low Saturation
- Low EMI Radiation

OPTIONS:

- Tape and Reel is Standard
- Custom Design Available

COMMON APPLICATIONS:

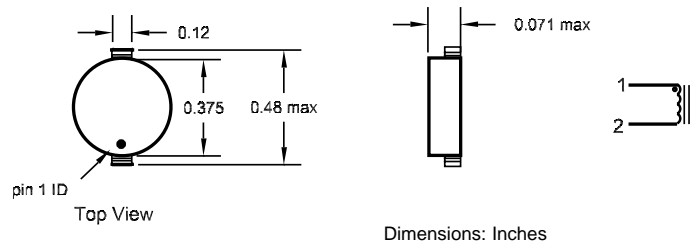
- Electronic Appliances
- DC/DC Conversion
- Output Inductor
- PCMCIA Package

STANDARD SPECIFICATIONS

Part Number	L (μ H) $\pm 20\%$	DCR Max (m Ω)	I _{dc} (A)
ASTP-01 Series			
ASTP-01-R47M	0.47	11	3.1
ASTP-01-1R0M	1.0	15	2.7
ASTP-01-1R5M	1.5	16	2.3
ASTP-01-2R2M	2.2	19	1.8
ASTP-01-3R3M	3.3	23	1.5
ASTP-01-4R7M	4.7	27	1.3
ASTP-01-6R8M	6.8	33	1.1
ASTP-01-100M	10.0	38	0.9
ASTP-01-150M	15.0	47	0.8
ASTP-01-220M	22.0	55	0.6
ASTP-01-330M	33.0	70	0.5
ASTP-01-470M	47.0	78	0.4

PHYSICAL CHARACTERISTICS

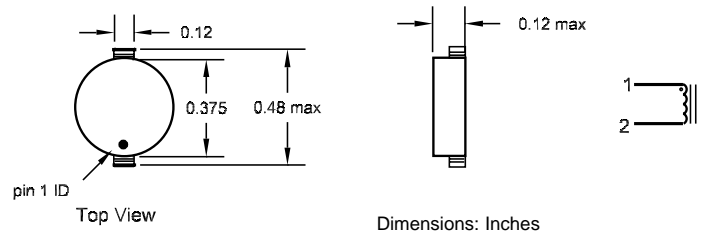
ASTP-01 Series:



STANDARD SPECIFICATIONS

Part Number	L (μ H) $\pm 20\%$	DCR Max (m Ω)	I _{dc} (A)
ASTP-02 Series			
ASTP-02-R47M	0.47	45	6.5
ASTP-02-1R0M	1.0	55	4.5
ASTP-02-1R5M	1.5	65	3.5
ASTP-02-2R2M	2.2	75	3.3
ASTP-02-3R3M	3.3	85	2.8
ASTP-02-4R7M	4.7	110	2.3
ASTP-02-6R8M	6.8	120	2.0
ASTP-02-100M	10.0	150	1.7
ASTP-02-150M	15.0	180	1.3
ASTP-01-220M	22.0	320	1.1
ASTP-02-330M	33.0	500	0.9
ASTP-02-470M	47.0	920	0.7

ASTP-02 Series:



Note: All specifications subject to change without notice.

TECHNICAL INFORMATION:

- Inductance measure at 100KHz 0.1VRms
- Soldering temperature: 260°C for 4±1 seconds
- Operating temperature: -40°C to +125°C
- Different package available per special request
- Max of 40% saturation on DC bias applied
- Please check with Abracon engineering staff for detail specification

ABRACON IS
ISO 9001 / QS 9000
CERTIFIED

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