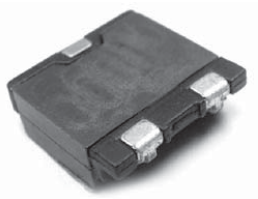
HIGH CURRENT SHIELDED INDUCTOR

ASPI-5123-XXX

***RoHS COMPLIANT**



12.9 x 12.9 x 5.8mm

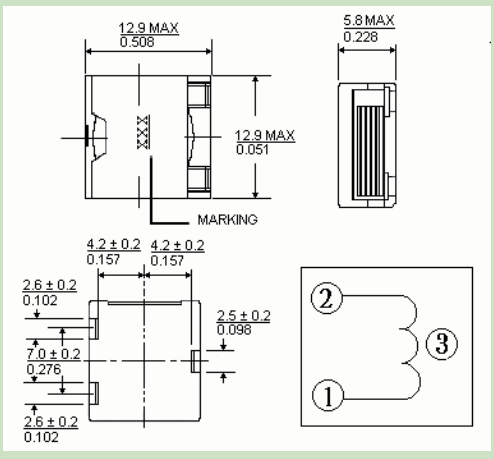
FEATURES & APPLICATIONS:

- Suface Mountable High Saturation Power Inductors
- Applications: Power supply for VTR, OA equipment, LCD television set, notebook PC, portable communication, equipments, DC/DC converters, etc.

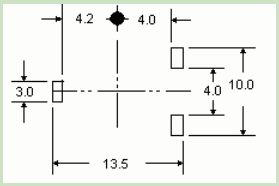
STANDARD SPECIFICATIONS:

Part Number	L (µH) ±20%	ASPI-5123 (Standard Type)		ASPI-5123 (High Power Type)		ASPI-5123 (Ultra Power Type)	
		DCR (mΩ) Max	Rated DC Current (A)	DCR (mΩ) Max	Rated DC Current (A)	DCR (mΩ) Max	Rated DC Current (A)
ASPI-5123U- R30	0.3					2.5	35.0
ASPI-5123U- R60	0.6					2.5	30.0
ASPI-5123U- R80	0.8					2.5	27.2
ASPI-5123H- 1R0	1.0			2.5	20.0		
ASPI-5123S- 1R2	1.2	2.5	17.0				
ASPI-5123U- 1R4	1.4					3.4	20.8
ASPI-5123S- 1R5	1.5	2.5	14.0				
ASPI-5123H- 1R8	1.8			3.4	15.3		
ASPI-5123U- 2R2	2.2					5.4	14.8
ASPI-5123S- 2R5	2.5	3.4	10.0				
ASPI-5123H- 2R8	2.8			5.4	12.3		
ASPI-5123U- 3R2	3.2					8.0	12.8
ASPI-5123S(H)- 4R0	4.0	5.4	8.3	0.8	10.3		
ASPI-5123U- 4R3	4.3					11.4	11.0
ASPI-5123H(U)- 5R6	5.6			11.4	8.8	13.5	9.5
ASPI-5123S(H)- 6R0	6.0	8.0	6.7	13.5	7.8		
ASPI-5123H- 7R2	7.2			13.5	7.8		
ASPI-5123S- 8R2	8.2	11.4	5.8				
ASPI-5123S- 100	100	13.5	5.0				

PHYSICAL CHARACTERISTICS:



LAND PATTERN



(Unit in mm)

TECHNICAL INFORMATION:

- Open Circuit Inductance
  Test Parameters: 100KHZ 0.25V
- DCR limits 25°C
- Tolerance of inductance ±20%(M)
- The rated current indicates the current when the inductance decreases to 75% over it's nominal value or D.C. current when the temperature rising ΔT=40°C lower, whichever is lower.

Note: All specifications subject to change without notice.

PACKAGING INFORMATION:

- Parts are packaged on 13" reels. 500 parts per reel.

ORDERING CODE:

ASPI-5123S(H,U)- R80

- Inductor
- S (Standard Type)
- H (High Power Type)
- U (Ultra Power Type)
- Size

ABRACON CORPORATION

30332 Esperanza, Rancho Santa Margarita, California 92688
tel 949-546-8000 | fax 949-546-8001 | www.abracon.com