

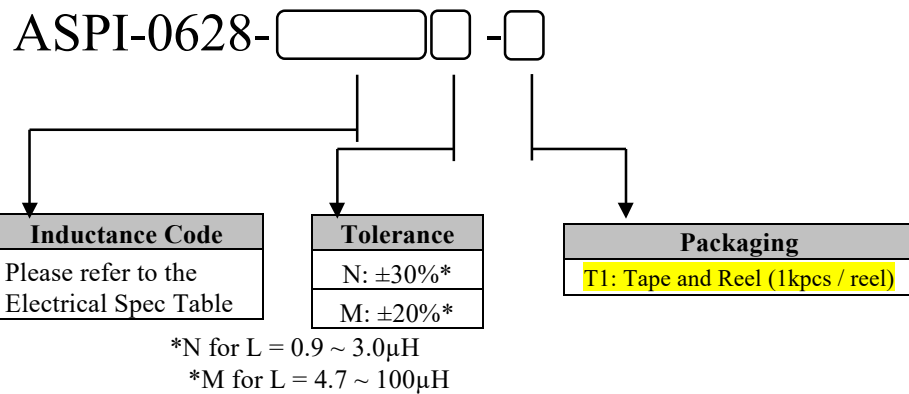
ECN/PCN No.: M1365

For Manufacturer

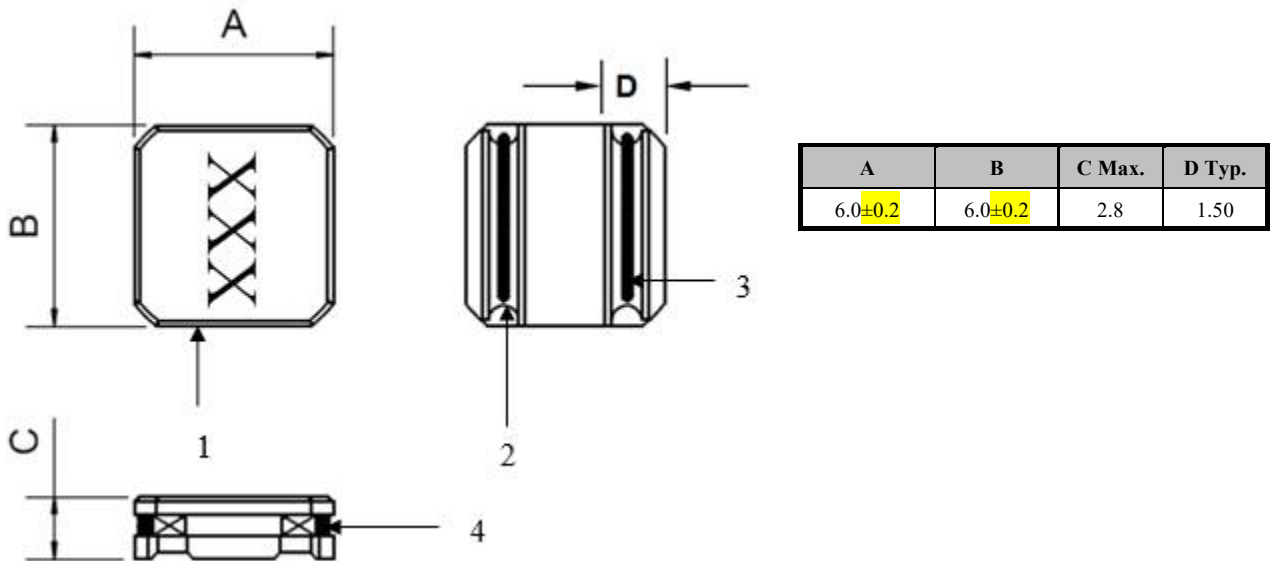
Product Description: Low Profile Shielded SMD Chip Power Inductor	Abracon Part Number / Part Series: ASPI-0628 Series	<input type="checkbox"/> Documentation only <input checked="" type="checkbox"/> ECN <input type="checkbox"/> EOL	<input checked="" type="checkbox"/> Series <input type="checkbox"/> Part Number(s)
Affected Revision: B	New Revision: C	Application:	<input type="checkbox"/> Safety <input checked="" type="checkbox"/> Non-Safety

Prior to Change:

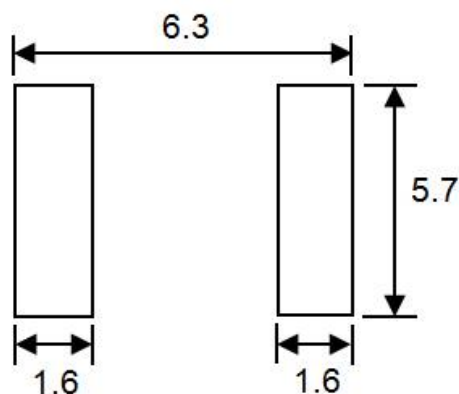
4.0 Part Number Identification



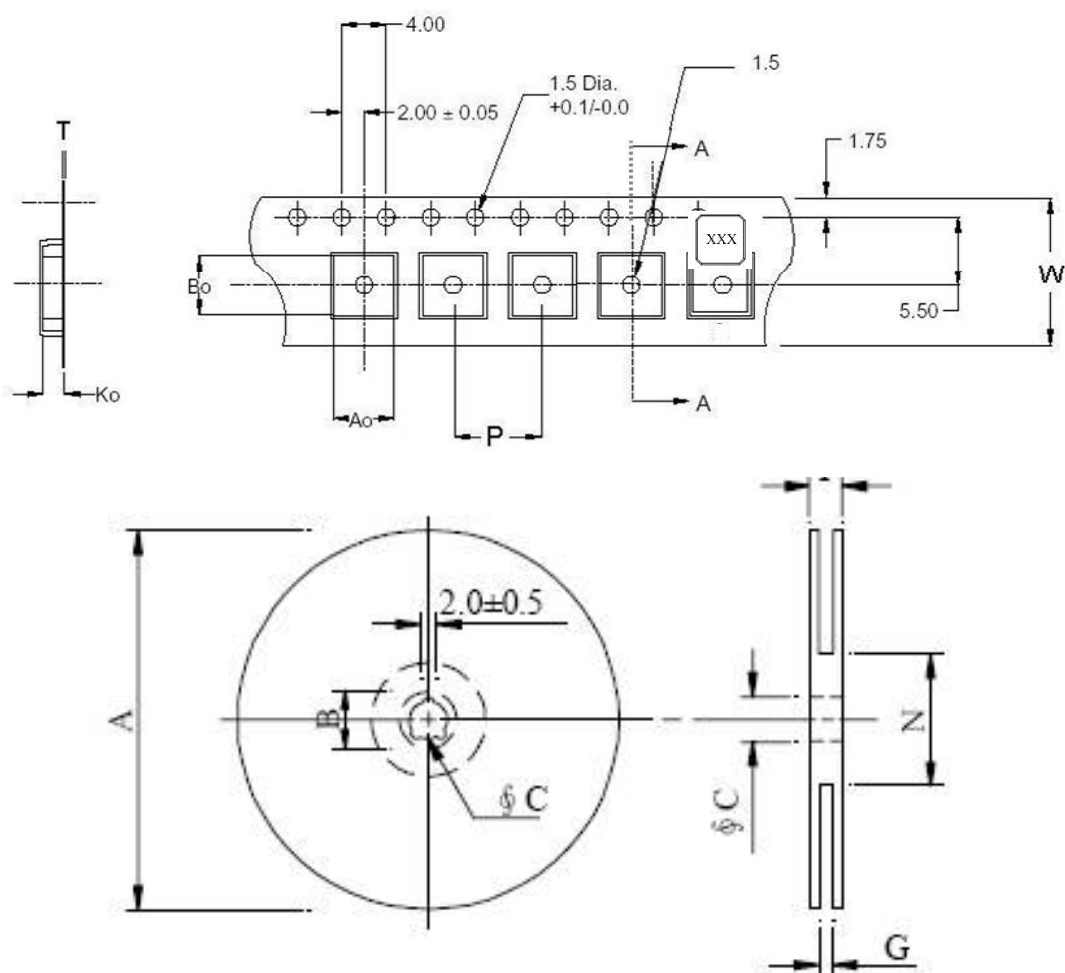
6.1 Mechanical and Material Information



6.2 Recommended Land Pattern



8.0 Packing T1: 1,000pcs / reel



Ao	6.40
Bo	6.40
Ko	3.05
W	16.00
P	12.00
T	0.40

A	330
B	21.0±0.8
C	13.5±0.5
G	16.6
N	99.5
T	21

After Change:

Part Identification

ASPI-0628- -

Inductance Code
Please refer to the Electrical Spec Table

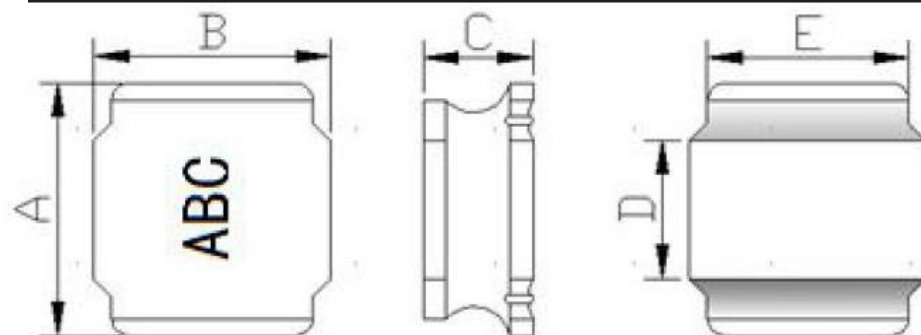
Tolerance
N: $\pm 30\%^*$
M: $\pm 20\%^*$

Packaging
T1: Tape and Reel (2kpcs / reel)

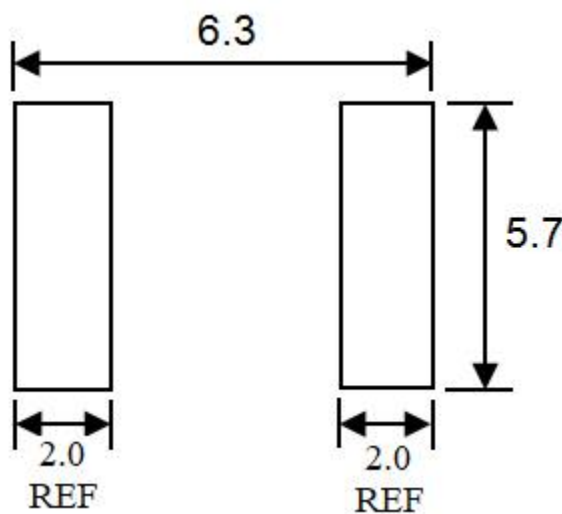
*N for L = 0.9 ~ 3.0 μ H

*M for L = 3.3 ~ 100 μ H

Mechanical Specifications



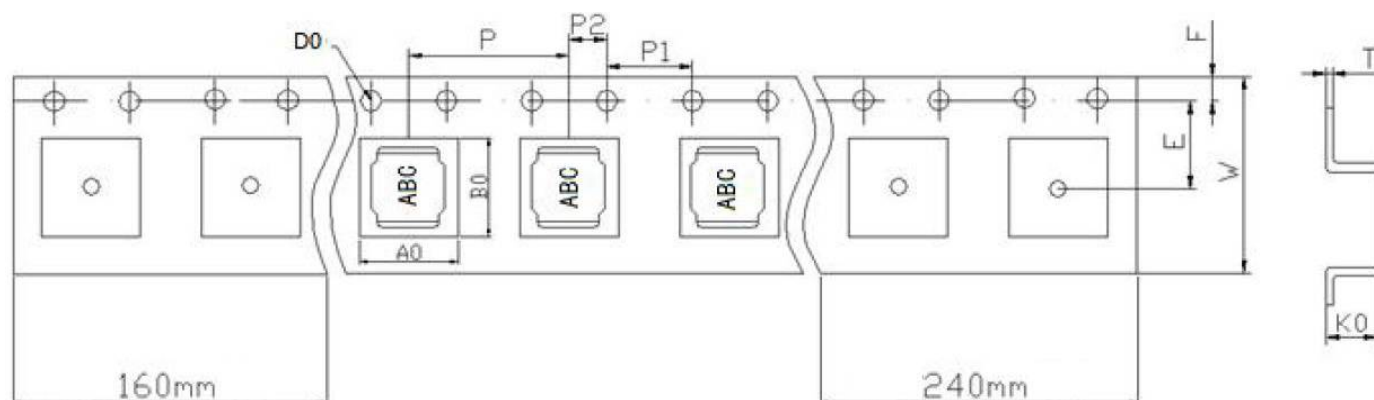
A	B	C Max.	D Typ.
6.0 \pm 0.3	6.0 \pm 0.3	2.8	1.50



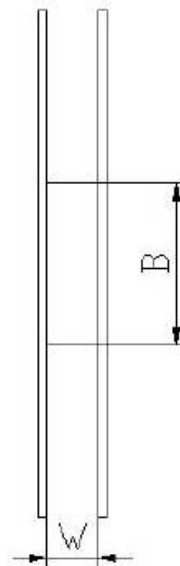
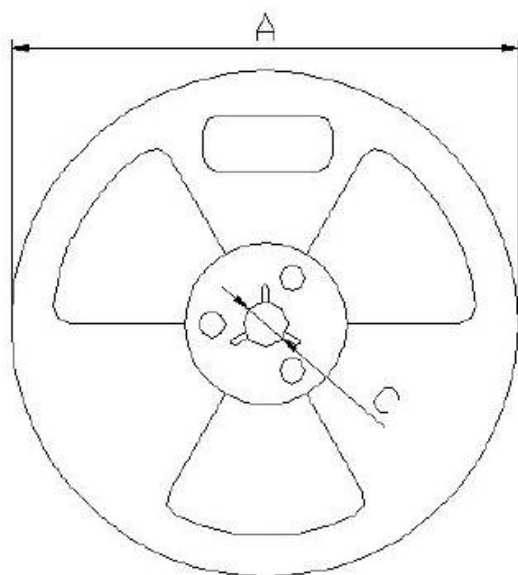
Recommended Land Pattern

Packaging

T1: 2,000pcs / reel



Dim	W	A0	B0	K0	P	E	F	D0	P0	P2	T
ASPI-0615FS	12.0±0.3	6.3±0.1	6.3±0.1	3.0 ±0.1	8.0±0.1	7.5±0.1	1.75±0.1	1.5±0.1	4.0±0.1	2.0±0.1	0.35±0.05



A	330±0.5
B	100±0.5
C	13.5±0.5
W	12.5±0.5

Cause/Reason for Change:
Moving to new production line

Change Plan

Effective Date:
6/21/2022

Additional Remarks:

Change Declaration:
Changes listed here do not affect the products form, fit or function.

Issued Date:
6/21/2022

Issued By:
Gerald Capwell

Issued Department:
Engineering

Approval:
Syed Raza
Engineering VP

Approval:
Reuben Quintanilla
Quality Director

Approval:
Ying Huang
Purchasing Director

For Abracon EOL only

Last Time Buy (if applicable):

Alternate Part Number / Part Series:

Additional Approval:

Additional Approval:

Additional Approval:

Customer Approval (If Applicable)

Qualification Status:

☐ Approved ☐ Not accepted

Note: It is considered approved if there is no feedback from the customer 1 month after ECN/PCN is released.

Customer Part Number:

Customer Project:

Company Name:

Company Representative:

Representative Signature:

Customer Remarks:

ECN:	M1365
Product:	ASPI-0628

Affected Part Numbers
ASPI-0628-0R9N-T
ASPI-0628-1R5N-T
ASPI-0628-2R2N-T
ASPI-0628-3R0N-T
ASPI-0628-3R3M-T
ASPI-0628-3R9M-T
ASPI-0628-4R7M-T
ASPI-0628-6R0M-T
ASPI-0628-6R2M-T
ASPI-0628-6R8M-T
ASPI-0628-100M-T
ASPI-0628-150M-T
ASPI-0628-220M-T
ASPI-0628-330M-T
ASPI-0628-470M-T
ASPI-0628-680M-T
ASPI-0628-101M-T