

SMD POWER INDUCTORS

MODEL NO. : SSC-1045D2 SERIES

FEATURES:

- * LOW PROFILE, HIGH POWER, LOW LOSS, LOW DCR WITH LARGE CURRENT DESIGN.
- * CLOSED MAGNETIC CIRCUIT CONSTRUCTION FOR BOTH SMALL MAGNETIC LEAKAGE FLUX AND HIGH DENSITY BOARD ASSEMBLY .
- * CUSTOM DESIGNS AVAILABLE.
- * COMPACT SIZE WITH HIGH PERFORMANCE CORE AND FLAT WIRE STRUCTURE.
- * SOLUTION FOR STRONGER STRUCTURE AND NOISE SUPPRESSION.

APPLICATION :

- * DC/DC CONVERTER IN POWER REGULATION SYSTEM.
- * CPU INDUCTORS IN NOTEBOOK COMPUTERS.
- * INDUCTOR FOR GENERAL PURPOSE AVAILABLE.

APPEARANCE:



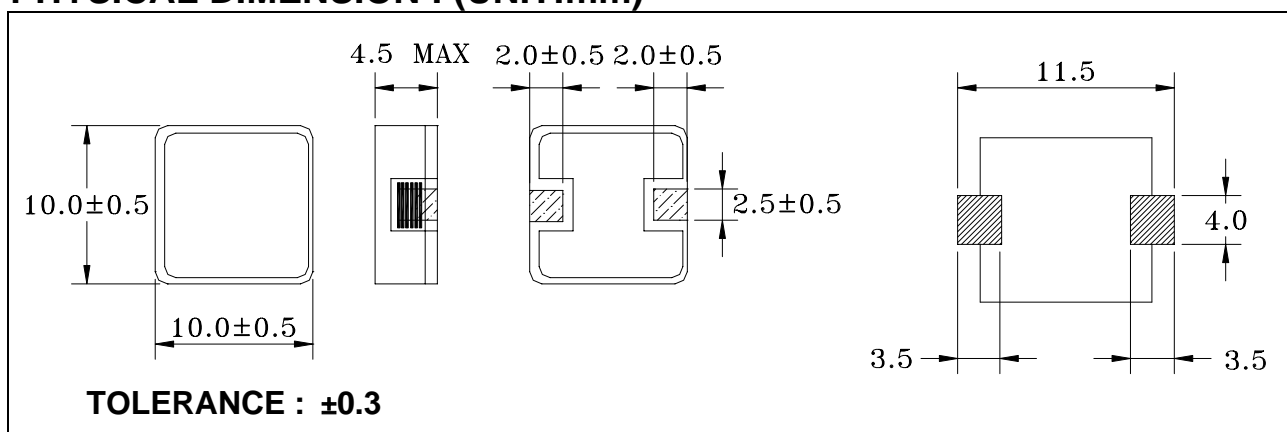
ELECTRICAL SPECIFICATION:

PART NO	INDUCTANCE (μ H) $\pm 20\%$ @ ADC	DCR MAX (m Ω)	INDUCTANCE (μ H) TYP @ RATED CURRENT	RATED DC CURRENT (A)
SSC-1045D2-0R5	0.48	1.3	0.40	26

MEASURING CONDITION: 100 KHZ, 0.1VRMS

ACOUSTIC NOISE: 55 dB MAX. @ FREQ. SPAN 0~20KHz, LESS THAN 35 dB UNDER AMBIENT .

PHYSICAL DIMENSION : (UNIT:mm)



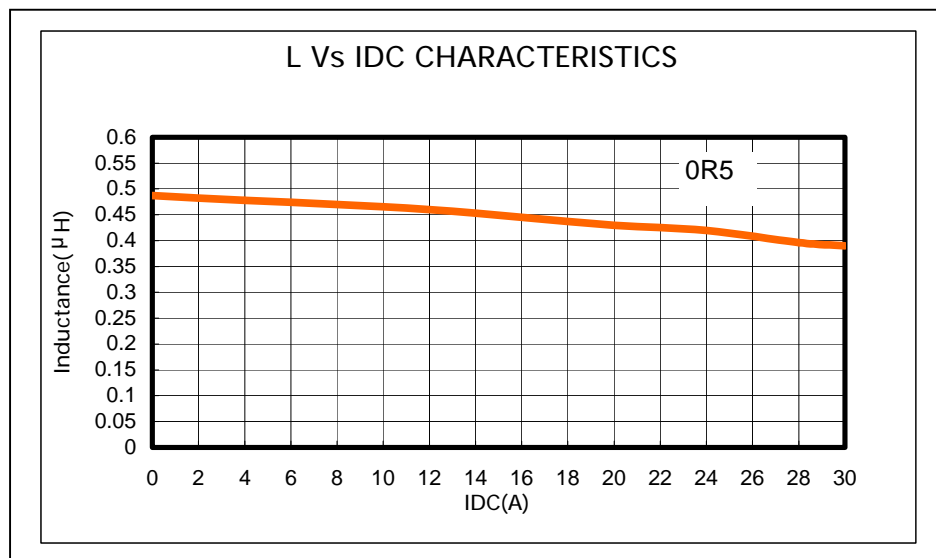
台北沛波電子股份有限公司

TAIPEI MULTIPOWER ELECTRONICS CO., LTD.

2ND. FL., 542-7 CHUNG-CHENG ROAD,
HSIN-TIEN CITY, TAIPEI, TAIWAN, R.O.C

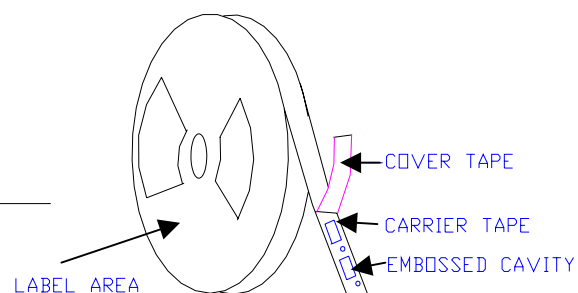
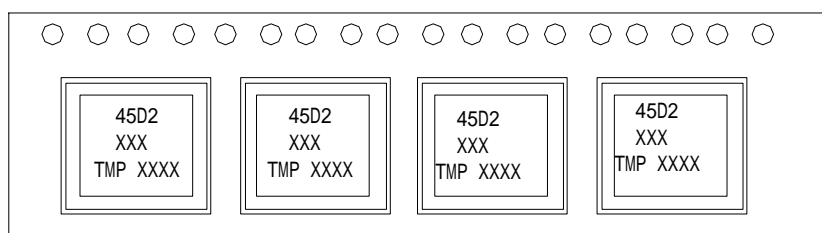
TEL : (02) 8667-2078 FAX : (02) 8667-2006

PERFORMANCE CHARACTERISTICS



PACKING

Tape and Reel Orientation



NOTE : Top view shown with cover tape removed.

TAPE WIDTH	REEL WIDTH	COMPONENT PITCH	UNITS PER REEL
24mm	29.5mm	16mm	800

TAPE SPECIFICATIONS:

Carrier Tape Type : Conductive.

Cover Tape Type : Antistatic.

Cover Tape Adhesion to Carrier : 35 - 85 grams.

REEL SPECIFICATIONS:

Antistatic.

Diameter (flange) : 13" (330.2mm)

STANDARDS : All embossed carrier tape packaging will be accomplished in compliance with latest revision of EIA-481

"Taping of surface Mount Components for Automatic Placement".