

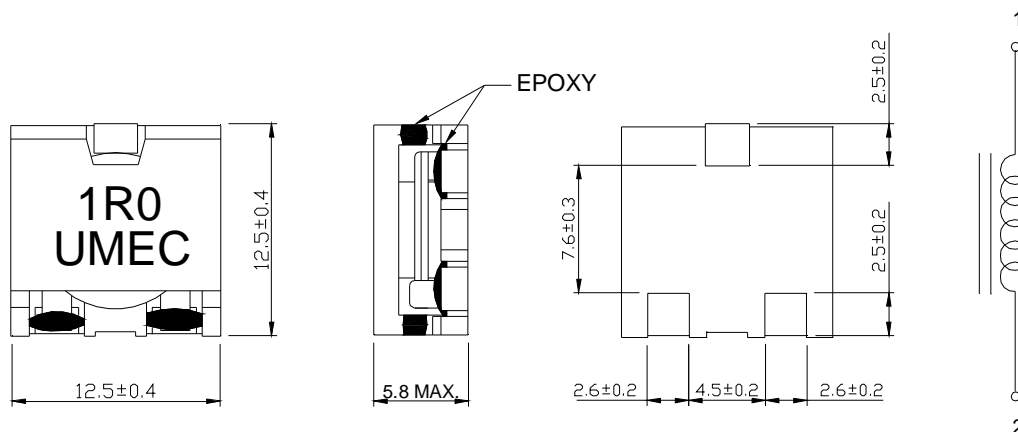
# DATA SHEET

UM MODEL NO.:	SPECIFICATION	REV.	
EP125-1R0	SMD POWER INDUCTOR	A0	02/13

## ELECTRICAL SPECIFICATION AT 25<sup>0</sup>C

1. INDUCTANCE : 1.0uH±20% AT 100KHz 0.1V , PIN(1-2).
2. INDUCTANCE : DROP 10% MAX. AT 100KHz 0.1V DC BIAS 20A , PIN(1-2).
3. D.C.Resistance : 2.5mΩ MAX. PIN(1-2).
4. INSULATION RESISTANCE : 100MΩ MIN. AT 250Vdc , WINDING TO CORE.

## DIMENSION & SCHEMATIC :



- NOTE: 1. PACKAGING INFORMATION-TAPE AND REEL  
 ACCORDING TO ITEM NO. "UM-EP125" OF DATA SHEET 01-00  
 2.SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

UNIT : mm

E10-007-C



UNIVERSAL MICROELECTRONICS CO.,LTD.  
 TEL:886-4-23590096 FAX:886-4-23590129  
<http://www.umec-web.com> E-mail:business@umec.com.tw

3,27TH RD.,TAICHUNG INDUSTRIAL PARK,  
 TAICHUNG,TAIWAN,R.O.C