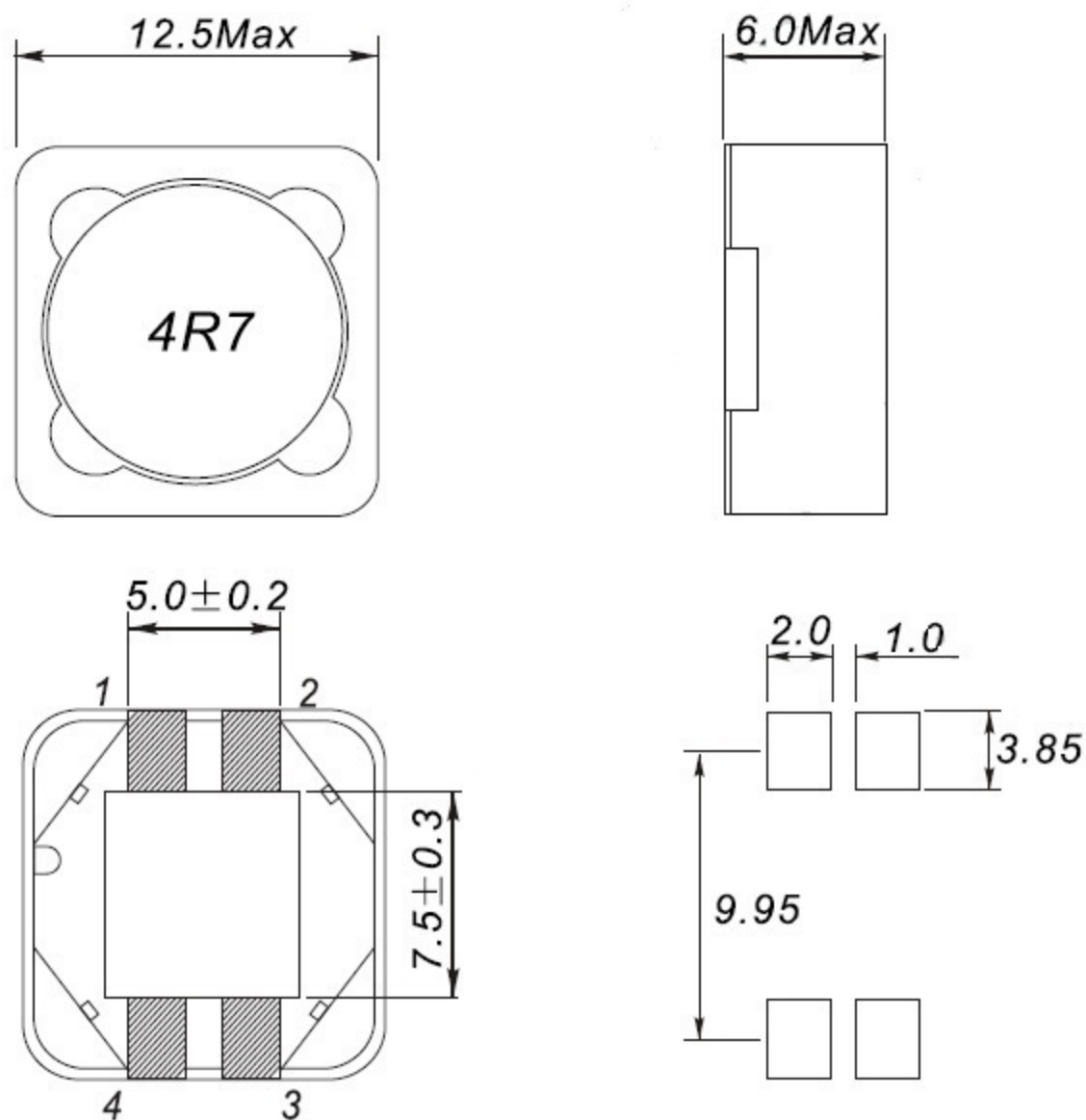
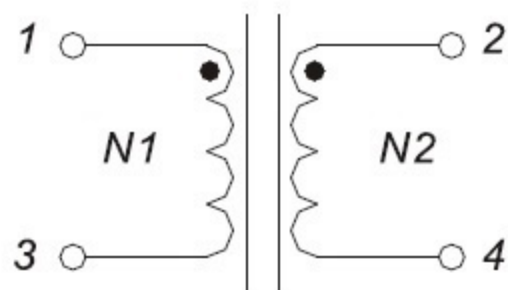


Rev.	Description	Date
A0	New release	2016.09.21

1. PHYSICAL CHARACTERISTICS (mm)



2. ELECTRONICAL SCHEMATIC



3. ELECTRONICAL SPECIFICATIONS

$L(1-3): 4.7\mu H \pm 20\% @ 1.0\text{KHz}, 0.25\text{V}$

$L(2-4): 4.7\mu H \pm 20\% @ 1.0\text{KHz}, 0.25\text{V}$

$DCR(1-3): 28\text{m}\Omega \text{ Max}@20^\circ\text{C}$

$DCR(2-4): 28\text{m}\Omega \text{ Max}@20^\circ\text{C}$

$I_{rms}: 3.0\text{A Typ}(\text{Temp. rise } 40^\circ\text{C Max}) \text{ each winding}$

$I_{sat}: 8.0\text{A Typ}(L_0 \text{ drop } 10\% \text{ Max}) \text{ each winding}$

$SRF: 20\text{MHz typ.}$

Rated voltage: 80V Max

Operating temperature: -40°C to $+125^\circ\text{C}$

Ambient temperature: -40°C to $+85^\circ\text{C}$

Test Instrument:

L: HP4284A

RDC: HM2540

Note:

- Solderability:** leads shall meet MIL-STD-202, Method 208D for solderability.
- Flammability:** UL94V-0
- ASTM oxygen index:** >28%

PART NAME:	Power Choke Double 4,7uH Isat 3,59A 12,5x12,5x6,0		
		DATE:	2016-09-21
PART NO:	SDRH1205D-4R7M	REV: A0	PAGE
DRAWN BY	CHECKED BY	APPROVE BY	