

MAGNETIC SHIELDED SURFACE-MOUNT POWER INDUCTORS SDRH8D28 SERIES



FEATURES:

- Magnetically Shielded Structure
- Low DC Resistance
- Large current up to 5.4A
- Excellent Mechanical Strength
- High Reliability and Excellent Solderability
- Low and square Profile
- High heat resistance

COMMON APPLICATIONS:

- VCRs, Notebook, DC/DC Converters
- Video Digital Cameras
- Communication System
- Automotive Systems Power supplier
- LCD PDP Televisions
- Hard Disk Drives, Topset, XDSL
- Network Systems
- Computer Peripheral Equipment

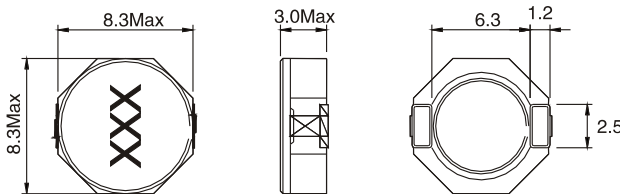
ELECTRICAL CHARACTERISTICS:

Part Number	L μH	Test Freq KHz	DCR mΩ Max	IDC Max A
SDRH8D28-2R5□	2.5	100	18.5	5.4
SDRH8D28-3R3□	3.3	100	24.6	4.8
SDRH8D28-4R7□	4.7	100	36.8	4.0
SDRH8D28-6R8□	6.8	100	48.4	3.2
SDRH8D28-100□	100	100	62.2	2.7
SDRH8D28-150□	150	100	93.5	2.2
SDRH8D28-220□	220	100	156.6	1.8
SDRH8D28-330□	330	100	205.2	1.4
SDRH8D28-470□	470	100	266.1	1.25
SDRH8D28-680□	680	100	368.5	0.96
SDRH8D28-101□	101	100	610.8	0.78

□:1. K= ± 10%,M= ± 20%,N= ± 30%

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

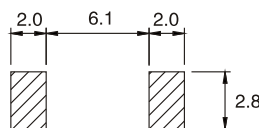
DIMENSIONS IN:mm



CONSTRUCTION



LAND PATTERNS



- Inductor Testing: HP4284A (Equivalent acceptable)
- DCR:QuadTech 1880 Milliohm meter
- Q- HP4342A – SRF-HP4191A
- IDCMax current is decreased 10% against its initial value
- Operating temperature: -40°C to +105°C
- Storage Temperature: -40°C to +105°C
- Solder methods: Vapor Phase, Infrared Reflow
- Resistance to soldering heat: 260°C for 10 seconds
- Solvent resistance: Conforms to MIL-STD-202E
- Marking: Inductance & Tolerance
- Note: All specifications subject to change without notice.