

MAGNETIC SHIELDED SURFACE-MOUNT POWER INDUCTORS

FASDRH8D28-8D43 SERIES



FEATURES:

- Magnetically Shielded Structure
- Low DC Resistance
- Large current up to 6.4A
- Excellent Mechanical Strength
- High Reliability and Excellent Solderability
- Low and square Profile
- High heat resistance

OPTIONS:

- Packaging:Tape & Reel is standard (Qty:2000pcs)
- Bulk packaging available for smaller quantities
- Tolerance:10% and 5% is standard, tighter tolerances available

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

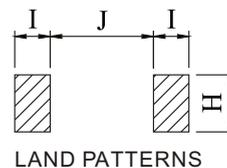
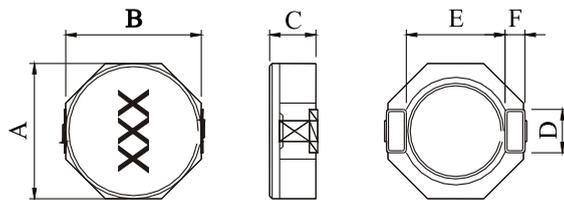
ELECTRICAL CHARACTERISTICS

Part Number	L _H	Test Freq KHz	DCR m Max	IDC Max A	Part Number	L _H	Test Freq KHz	DCR m Max	IDC Max A
FASDRH8D28-2R5N	2.5	100	18.5	5.4	FASDRH8D43-2R0N	2.0	100	14	6.4
FASDRH8D28-3R3N	3.3	100	24.6	4.8	FASDRH8D43-3R9N	3.9	100	19	5.0
FASDRH8D28-4R7N	4.7	100	36.8	4.0	FASDRH8D43-4R7N	4.7	100	22	4.6
FASDRH8D28-6R8N	6.8	100	48.4	3.2	FASDRH8D43-6R8N	6.8	100	32	4.2
FASDRH8D28-100N	100	100	62.2	2.7	FASDRH8D43-100N	10	100	40	3.6
FASDRH8D28-150N	150	100	93.5	2.2	FASDRH8D43-150N	15	100	58	2.6
FASDRH8D28-220N	220	100	156.6	1.8	FASDRH8D43-220N	22	100	96	2.1
FASDRH8D28-330N	330	100	205.2	1.4	FASDRH8D43-330N	33	100	144	1.6
FASDRH8D28-470N	470	100	266.1	1.25	FASDRH8D43-470N	47	100	195	1.4
FASDRH8D28-680N	680	100	368.5	0.96	FASDRH8D43-680N	68	100	240	1.2
FASDRH8D28-101N	101	100	610.8	0.78	FASDRH8D43-101N	100	100	360	0.9

Note:1. K= 10%,M= 20%,N= 30%

TECHNICAL INFORMATION:

PHYSICAL CHARACTERISTICS:



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 to +105
 Storage Temperature: -40 to +105
 Solder methods: Vapor Phase, Infrared Reflow
 Resistance to soldering heat: 260 for 10 seconds
 Solvent resistance: Conforms to MIL-STD-202E
 Marking: Inductance & Tolerance
 Note: All specifications subject to change without notice.

DIMENSIONS IN:mm

Part number	A	B	C	D	E	F	H	I	J
FASDRH8D28	8.3Max	8.3Max	3.0Max	2.5	6.3	1.2	2.8	2.0	6.1
FASDRH8D43	8.3Max	8.3Max	4.5Max	2.5	6.3	1.2	2.8	2.0	6.1