

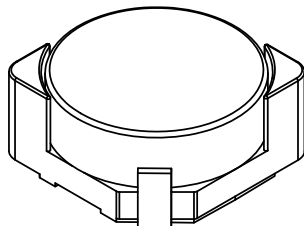
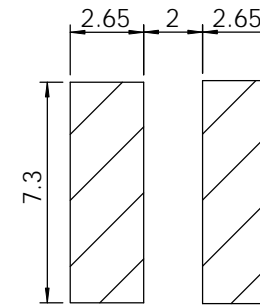
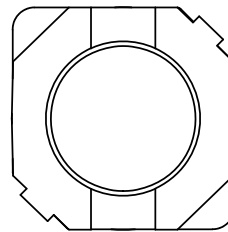
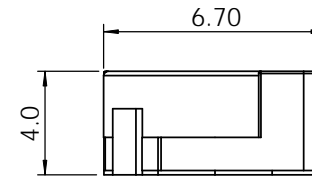
| Part | L (μ H) | Tol % | R _{DC} MAX (Ω) | I _{bc} I _N (A) |
|--------------|-----------------|----------|--|--|
| CDRH6D38-3R3 | 3.3 @ 10kHz | N | 0.02 | 3.5 |
| CDRH6D38-5R0 | 5.0 @ 10kHz | N | 0.024 | 2.9 |
| CDRH6D38-6R2 | 6.2 @ 10kHz | N | 0.027 | 2.5 |
| CDRH6D38-7R4 | 7.4 @ 10kHz | N | 0.031 | 2.3 |
| CDRH6D38-8R7 | 8.7 @ 10kHz | N | 0.034 | 2.2 |
| CDRH6D38-100 | 10 @ 10kHz | N | 0.038 | 2 |
| CDRH6D38-120 | 12 @ 10kHz | N | 0.053 | 1.7 |
| CDRH6D38-150 | 15 @ 10kHz | N | 0.057 | 1.6 |
| CDRH6D38-180 | 18 @ 10kHz | N | 0.092 | 1.5 |
| CDRH6D38-220 | 22 @ 10kHz | N | 0.096 | 1.3 |
| CDRH6D38-270 | 27 @ 10kHz | N | 0.109 | 1.2 |
| CDRH6D38-330 | 33 @ 10kHz | N | 0.124 | 1.1 |
| CDRH6D38-390 | 39 @ 10kHz | N | 0.138 | 1 |
| CDRH6D38-470 | 47 @ 10kHz | N | 0.155 | 0.95 |
| CDRH6D38-560 | 56 @ 10kHz | N | 0.202 | 0.85 |
| CDRH6D38-680 | 68 @ 10kHz | N | 0.234 | 0.75 |
| CDRH6D38-820 | 82 @ 10kHz | N | 0.324 | 0.7 |
| CDRH6D38-101 | 100 @ 10kHz | N | 0.358 | 0.65 |

SPECIFICATION

TYPE = CDRH6D38
CONSTRUCTION = SURFACE MOUNT POWER INDUCTOR
TERMINAL COATING = NICKEL / SILVER
OPERATING TEMP. = -40 TO +85 °C
STORAGE TEMP = -55 TO +125 °C
INSULATION RESISTANCE = 100MOhm. 100V TERMINAL-CORE
DIELECTRIC STRENGTH = 250Vac TERMINAL-CORE
HUMIDITY EFFECTS = L±5 @ 95%RH, 40 °C, 1HR
= Q±5 @ 95%RH, 40 °C, 1HR
PACKAGING = 1000PCS/REEL
MARKING = 3 CHARACTERS, VALUE

NOTE

TOLERANCES L=15%; M=20%; N=30%



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| | DRAWN | | |
| | CHECKED | | |
| | MATERIAL | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES: ONE PLACE DECIMAL +/-0.3 TWO PLACE DECIMAL +/-0.13 ANGLE +/-1 DEGREE | |
| FINISH | DO NOT SCALE DRAWING | SCALE:1:1 | SIZE A DWG. NO. CDRH6D38 SMD POWER INDUCTOR REV. 00 SHEET 1 OF 1 |