Type: CDPM3D10

UNDER DEVELOPMENT

◆ Product Description

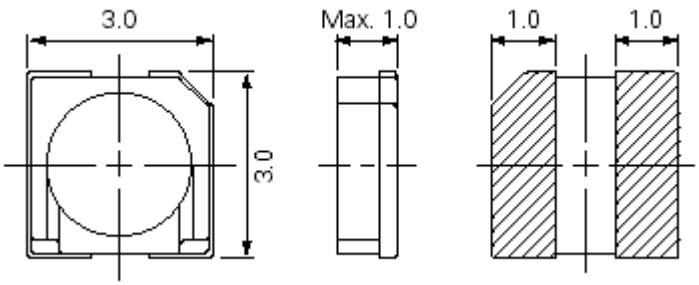
・3.0×3.0mm Max.(L×W), 1.0mm Max. Height.
・Inductance range: 2.0～4.7μH.
・Rated current range: 0.8～1.4A.



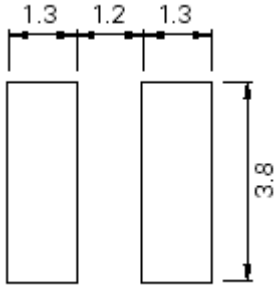
◆ Feature

・Magnetically shielded construction.
・Ideally used in 3G portable phone as high speed CPU power supply inductors.
・High current, low voltage, power saving.
・RoHS Compliance

◆ Dimensions (mm)



◆Land Pattern (mm)



◆ Specification

Part Name ※	Stamp	Inductance (μH) [Within] 100kHz/1V	D.C.R.(Ω) Max.(Typ.) (at 20℃)	Saturation Current (A) ※1	Temperature Rise current (A) ※2
CDPM3D10NP-2R0M□	2R0	2.0±25%	144m(120m)	1.4	1.4
CDPM3D10NP-3R3M□	3R3	3.3±25%	192m(160m)	1.1	1.1
CDPM3D10NP-4R0M□	4R0	4.0±25%	204m(170m)	1.0	1.0
CDPM3D10NP-4R7M□	4R7	4.7±25%	348m(290m)	0.8	0.8

※ Description of part name

CDPM3D10NP-2R0M□
- B Box
- C Carrier Tape

※1.Saturation Current: The DC current at which the inductance decreases to 70% of it's nominal value.
※2 Temperature rise current: The DC current at which the temperature rise is △t=40℃.(Ta=20℃)

This datasheet is not a final issue, and maybe something will be changed before production.