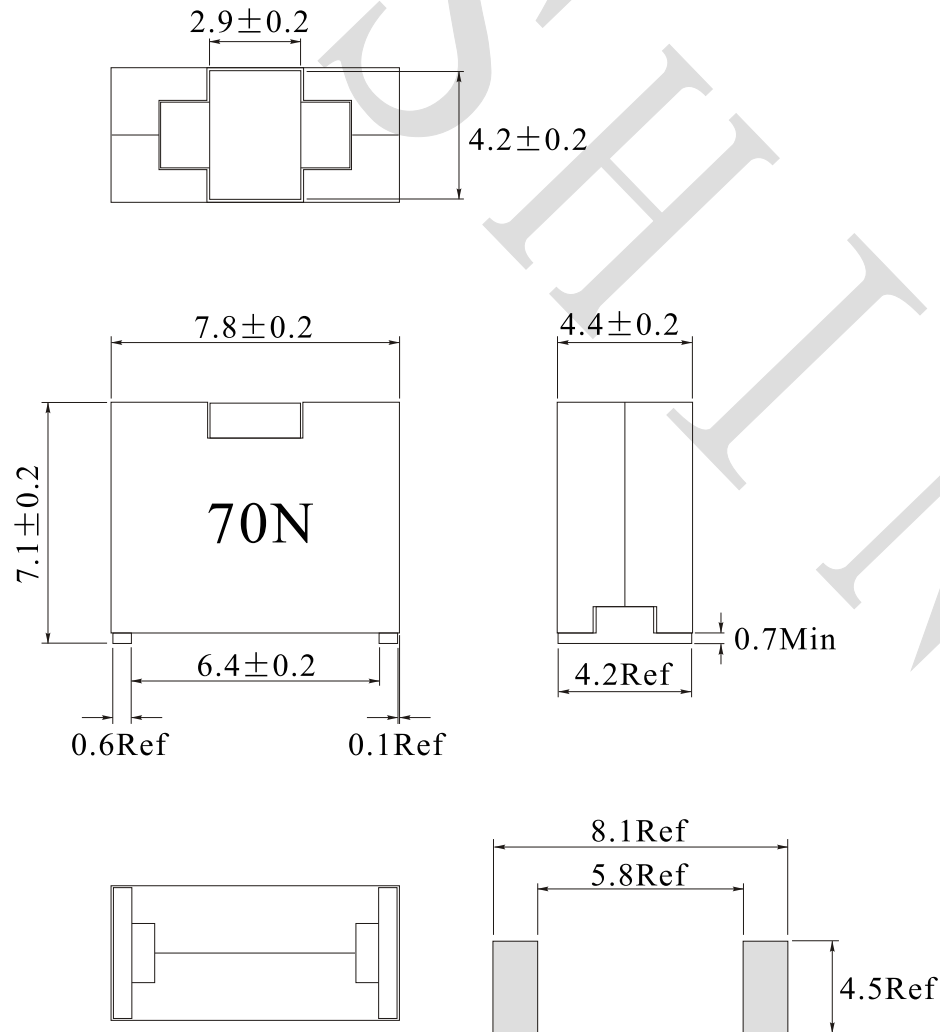


Rev.	Description	Date
A0	New release	2022.10.18

1. PHYSICAL CHARACTERISTICS(mm)



2. ELECTRICAL CHARACTERISTICS@25°C

Inductance: $70\text{nH} \pm 15\% @ 100\text{KHz}, 1\text{V}$

Irms: $50.0\text{A Max (Temp. rise } 40^\circ\text{C Max.)}$

Isat: $100\text{A Max (Inductance drop } 20\% \text{ Max)}$

DCR: $0.17\text{m}\Omega \pm 10\%$

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

(Include temp. rise 40°C Max)

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

Note:

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

NAME:	Ferrite bead inductor		
CUSTOMER P/N:		DATE:	2022-10-18
SHINHOM P/N:	SMB0804-70NY	REV: A0	PAGE
DRAWN BY	CHECKED BY	APPROVE BY	

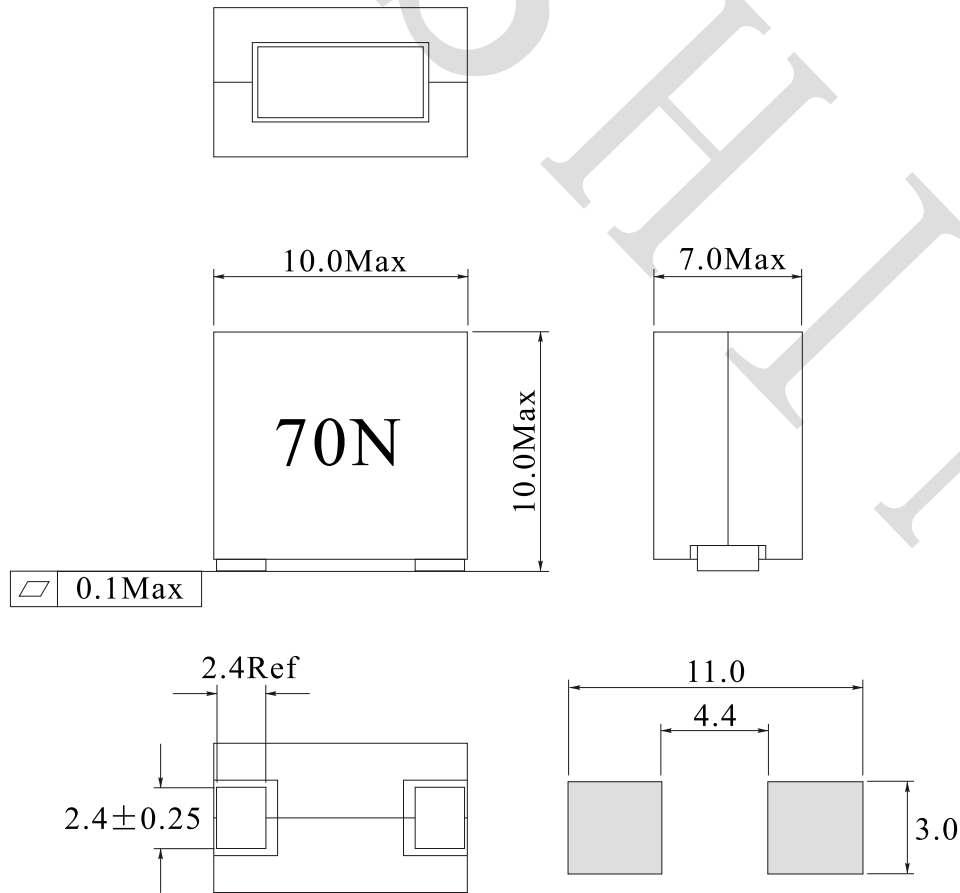


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Rev.	Description	Date
A0	New release	2022.10.18

1. PHYSICAL CHARACTERISTICS(mm)



2. ELECTRICAL CHARACTERISTICS@25°C

Inductance: 70nH ± 15% @ 100KHz, 1V

Irms: 70.0A Max (Temp. rise 40°C Max.)

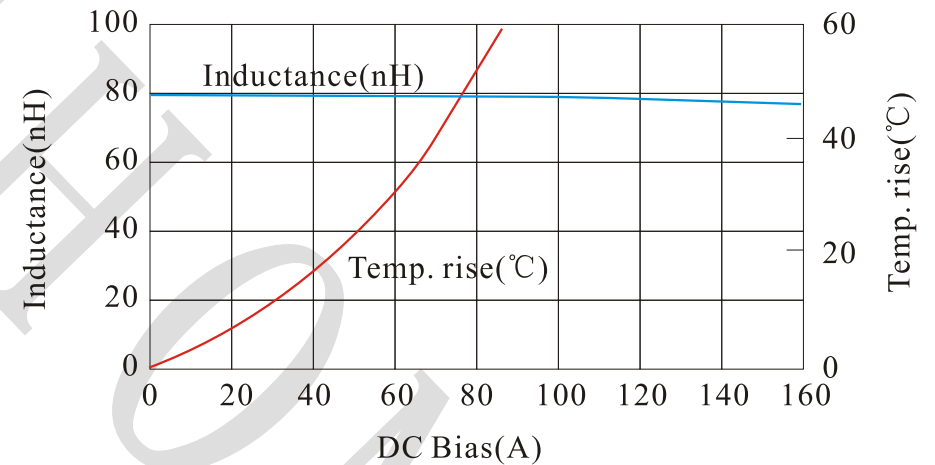
Isat: 145A Max (Inductance drop 20% Max)

DCR: 0.17mΩ ± 10%

Operating temperature: -40°C to +125°C

(Include temp. rise 40°C Max)

Storage temperature: -40°C to +125°C



NAME:	Ferrite bead inductor		
CUSTOMER P/N:		DATE:	2022-10-18
SHINHOM P/N:	SMB1007-70NY	REV:	A0
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