HF9111



Features

- Ambient temperature can be 180°C
- Failure rate can be level M
- High pure nitrogen protection
- High ambient applicability
- Hermetically welded and marked by laser

Conform to GJB1042A-2002 (Equivalent to MIL-R-5757)

AMBIENT ADAPTABILITY

Ambient Temperature		-65°C to 180°C	
Humidity		98%, 40°C	
Low Air Pres	ssure	4.4KPa	
Vibration	Frequency	10Hz to 3000Hz	
Resistance	Acceleration	294m/s ²	
Shock Resis	stance	735m/s²	
Acceleration		490m/s	
Random Vibration		40(m/s²)²/Hz	
Implementation Standard		GJB1042A (MIL-R-5757)	

CONTACT	DATA	
Arrangement		2 Form C
Contact Material		Gold/Platinum/Palladium/Silver alloy (Gold plated)
Contact	Initial	125mΩ
Resistance(max.	After Life	250mO

COIL DATA Norminal Coil Power 0.5W

Contact Ratings

	Contact Load	Туре	Electrical Life (min.)		
	0.5A 28Vd.c.	Resistive	1 x 10⁵ ops		
	0.2A 28Vd.c. 200mH	Inductive	1 x 10⁵ ops		
	0.1A 28Vd.c.	Lamp	1 x 10⁵ ops		
	50µA 50mVd.c.	Low Level	1 x 10 ⁵ ops		

SPECIFICATION

Insulation Resistan	ce (min.)	10000MΩ (at 500Vd.c.)
	Between open contacts	500Vr.m.s.
Dielectric	Between contacts & coil	500Vr.m.s.
Strength min.	Between contacts & cover	500Vr.m.s.
(Normal condition)	Between contacts sets	500Vr.m.s.
	Between coil & cover	500Vr.m.s.
Dielectric Strength (Low air pressure c		125Vr.m.s.
Leakage Rate	,	1 x 10 ⁻³ Pa•cm ³ /s
Operate Time (max)	2ms
Release Time (max	i.)	2ms
Mounting Style		In-line package
Terminals		PCB
Work Position		Any position
Weight		2.55g



ISO9001、ISO/TS16949、ISO14001、OHSAS18001 CERTIFIED

2007 Rev. 1.00

COIL DATA

Coil Version Vd.c.								
Coi Vo	oltage	25°C			−65°C to 125°C			
Nominal	Max	Pick-up Voltage max	Hold Voltage max	Drop-out Voltage min	Coil Resistance (1±10%) Ω	Pick-up Voltage max	Hold Voltage max	Drop-out Voltage min
012	16	7.0	4.0	0.63	390	10.8	6.5	0.40
027	32	14.2	8.0	1.37	1560	24.3	13.0	0.89

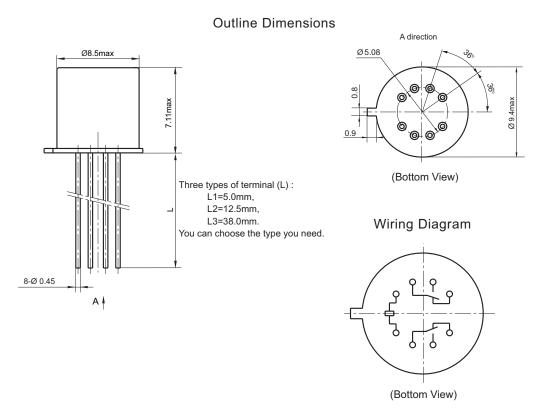
Notes: We can offer many kinds of of coil voltage under the requirement of users.

ORDERING INFORMATION

Туре	HF9111	-027	01
Coil Voltage	12, 27Vd.c.		
Terminals Length	01 : 5mm 02 : 12.5mm 03 : 38mm		

OUTLINE DIMENSIONS AND WIRING DIAGRAM

Unit: mm



Disclaimer

This datasheet is for the customers' reference. All the specifications are subject to change without notice.

We could not evaluate all the performance and all the parameters for every possible application. Thus the user should be in a right position to choose the suitable product for their own application. If there is any query, please contact Hongfa for the technical service. However, it is the user's responsibility to determine which product should be used only.

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