

ORDERING INFORMATION

HF152F / 012 -1Z P S T Q (XXX)	
Type	HF152F: 85°C, HF152F-T: 105°C
Coil voltage	3, 5, 6, 9, 12, 18, 24, 48VDC
Contact arrangement	1H: 1 Form A 1Z: 1 Form C
Pin version	P: Double pins Nil: Single pin
Construction ¹⁾	S: Plastic sealed Nil: Dust protected
Contact material	T: AgSnO ₂ Nil: AgNi
Contact capacity	Q: High capacity type 16A 250VAC, at 105°C (Only for HF152F-T) Nil: Standard type
Special code ⁴⁾	XXX: Customer special requirement Nil: Standard

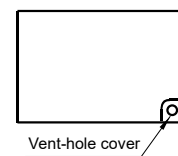
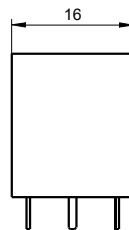
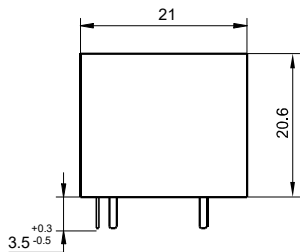
Notes: 1) Under the ambience with dangerous gas like H₂S, SO₂ or NO₂, plastic sealed type is recommended; Please test the relay in real applications.
 If the ambience allows, dust protected type is preferentially recommended.
 2) Contact is recommended for suitable condition and specifications if water cleaning or surface process is involved in assembling relays on PCB.
 3) If plastic sealed type is selected for cleaning purpose, the vent-hole cover should be excised after cleaning.
 4) The customer special requirement express as special code after evaluating by Hongfa.
 5) HF152F-T is only available for AgSnO₂ contact.
 6) Two packing methods available: paper box package, tube package, Standard tube packing length is 455mm. Any special requirement needed, please contact us for more details.
 7) For products that should meet the explosion-proof requirements of "IEC 60079 series", please note [Ex] after the specification while placing orders. Not all products have explosion-proof certification, so please contact us if necessary, in order to select the suitable products.

OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

Unit: mm

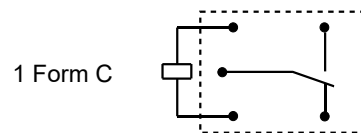
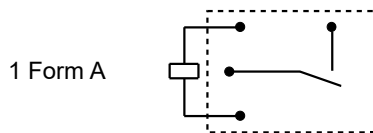
Single pin version

Outline Dimensions

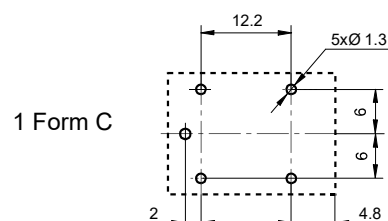
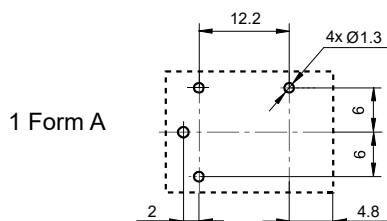


(Top view)

Wiring Diagram (Bottom view)



PCB Layout (Bottom view)

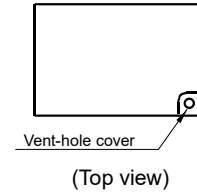
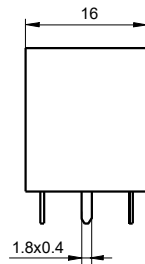
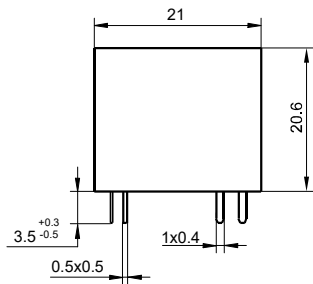


OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

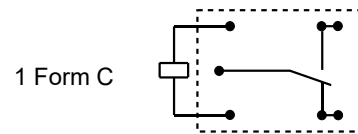
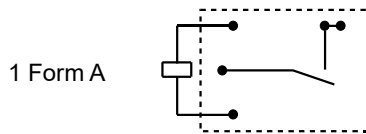
Unit: mm

Double pin version

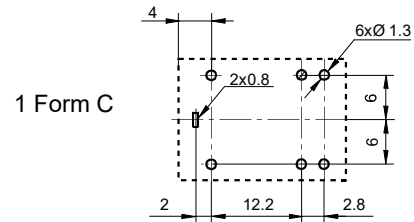
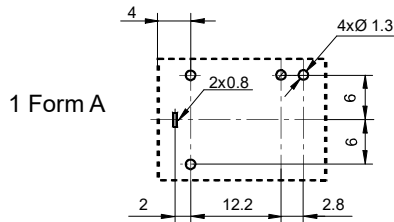
Outline Dimensions



Wiring Diagram (Bottom view)

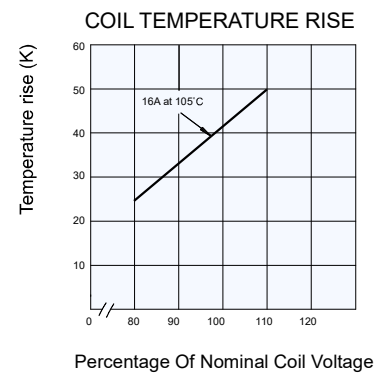
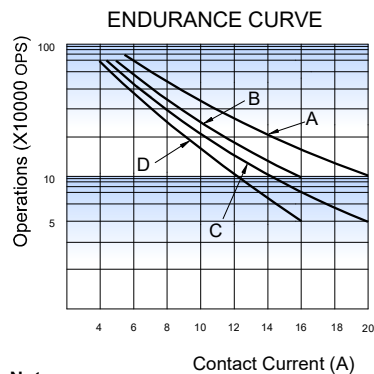
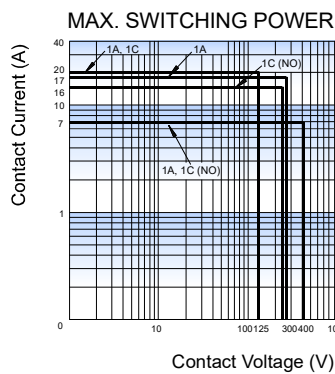


PCB Layout (Bottom view)



Remark: 1) In case of no tolerance shown in outline dimension: outline dimension $\leq 1\text{mm}$, tolerance should be $\pm 0.2\text{mm}$; outline dimension $> 1\text{mm}$ and $\leq 5\text{mm}$, tolerance should be $\pm 0.3\text{mm}$; outline dimension $> 5\text{mm}$, tolerance should be $\pm 0.4\text{mm}$.
2) The tolerance without indicating for PCB layout is always $\pm 0.1\text{mm}$.

CHARACTERISTIC CURVES



Notes:

- Curve A: 1H type, Curve B: 1H type, Curve C: 1Z type, Curve D: 1Z type
- Test conditions:
Curve A: 20A 125VAC, Resistive load, Room temp., 1s on 9s off
Curve B: 16A 250VAC, Resistive load, at 85°C, 1s on 9s off
Curve C: NO, 20A 125VAC, Resistive load, Room temp., 1s on 9s off
Curve D: NO, 16A 250VAC, Resistive load, at 85°C, 1s on 9s off

Disclaimer

The specification is for reference only. See to "Terminology and Guidelines" for more information. Specifications 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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