

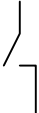
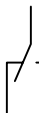
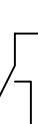
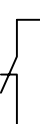
HFKM/HFKS

 ISO9002 Certified	AUTOMOTIVE RELAYS 20A Switching Contact,PCB Mounting	HFKM HFKS
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- Switching Capacity up To 20A
- Six Different Contact Arrangements
- PCB mounting
- Open and sealed type is Available
- Two Terminals Size for HFKM&HFKS

■ CONTACT DATA

Arrangements		1 Form A	1 Form B	1From C 1Z		1From U	1From V	1From W SZ	
		1H	1D	No	NC	SH	SD	NO	NC
Schematic Diagram									
Max.Switching Current	make	60A	12A	60A	12A	2X40A	2X8A	2X30A	2X5A
	break	20A	10A	20A	10A	2X20A	2X7A	2X15A	2X5A
Max.Switching Voltage		75VDC/60VAC							
Continuous Current		15A	10A	15A	10A	2X10A	2X7A	2X7A	2X5A
Max.Switching Power		200W/500VA							
Min.Load		0.5A,6VDC							
Contact Material		Silver Alloy							
Initial Resistance		100mΩ (at 1 A,5 VDC)							
Electrical Life		2X10 ⁵ OPS (at 10A,15VDC)							
Mechanical Life		1X10 ⁷ OPS							

■ SPECIFICATIONS

Insulation Resistance	100mΩ,500VDC,1min	Vibration	DA 1.5mm,10~55Hz,functional
Dielectric Strength	500Vrms	Shock	10g,11ms,functional
Operate Time	3ms	Drop	1m
Release Time	1.5ms	Ambient Temperature	-40~+85摄氏度
Power Consumption	1.1W	Weight	Open:8g Sealed:12g

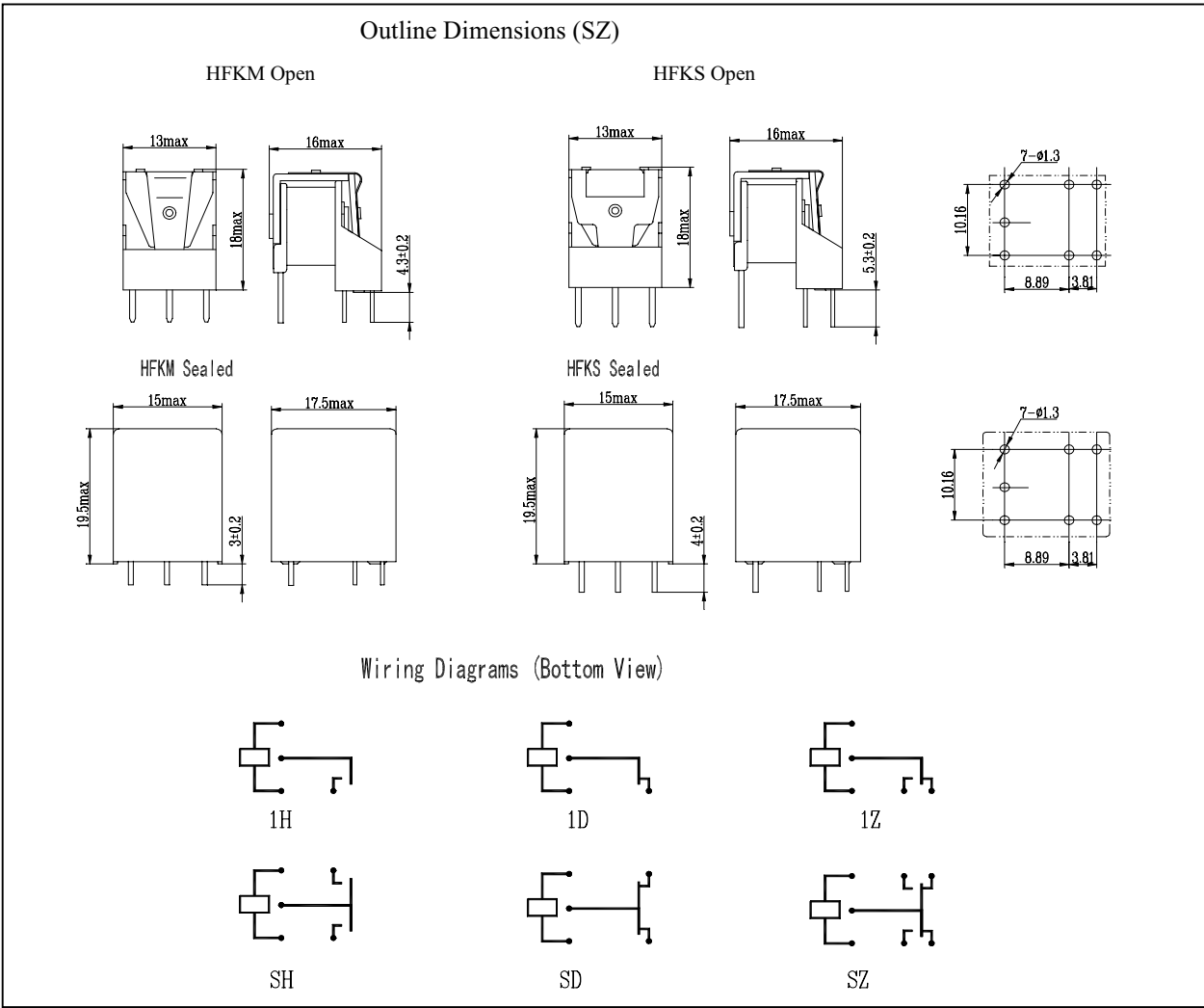
■ COIL DATA

Coil Voltage VDC	Pull-in Voltage VDC		Drop-out Voltage VDC		Nominal Current mA	Coil Resistance Ω ±10%	Max.Operating Voltage VDC
	H,D,Z,SH,SD	SZ	D,SD	H,Z,SH,SZ			
6	3.75	4.5	0.35	0.7	215	28	8
12	7.5	9	0.7	1.4	93	130	16
24	15	18	1.4	2.8	46	520	31

ORDERING INFORMATION

HFKM / 012		1H	S
TYPE	Coil voltage	Contact arrangement	Classification of type
HFKM	6,12, 24VDC	1H: 1Form A SH: 1Form U	Nil: Open
HFKS		1D: 1Form B SD: 1Form V	S: Sealed
		1Z: 1Form C SZ: 1Form W	

OUTLINE DIMENSIONS , WIRING DIAGRAM AND PC BOARD LAYOUT



USEFUL CURVES

