



No.	Part Name	Material	Quantity
1	Cover	PBT GF30%	1
2	Base	PBT GF30%	1
3	86 Terminal	Cu	1
4	Return spring	Stainless Steel	1
5	Magnetic Wire	Cu	-
6	Yoke	Pure iron	1
7	Bobbin	PBT GF30%	1
8	Spring	Cu	1
9	Core	Pure iron	1
10	Armature	Pure iron	1
11	Braid	Cu	1
12	85 Terminal	Cu	1
13	87 Terminal	Cu	1
14	87A Terminal	Cu	1
15	Movable Contact	AgSnO2	1
16	Stationary Contact	AgSnO2/Cu	2
17	30 Terminal	Cu	1
18	Adhesive	Epoxy glue	-

Technical Data

nominal Voltage	12 V.d.c.
Coil Resistance	85±(1+0.02) Ω
Diode	1N4007
Pull-in Voltage	< 7.8 V.d.c.(23%)
Drop-out Voltage	> 1.2 V.d.c.(23%)
Contact Drop Voltage(Initial)	< 100 mV (10 A)
Insulation Resistance(Initial)	> 100MΩ·500 V.d.c.
Dielectrical Strength	500 V.d.c./min

DATE CODE
 0706
 MONTH
 YEAR

APPROVAL NO : EL-0999
 (DI NO : D167422-04)
APPROVED
 BY : H. J. YU
 2007.07.04.
 Doosan Infracore Co.,Ltd.
 Industrial Vehicle BG

Mark number	Number of Modification	Signature	Date
Item	Signature	First version	
Drawn by			
Checked by			
Rechecked by			
Standardized by			
Approved by			

Item	Drawing No.	Name	Number	Remark
		Relay		RC-12S-GD2V0
		KOREA		
			Version	Weight
			Scale	2:1
			Page 1	Total page 1
			HANDOUK Electronics Co. Ltd	

HFV7A
 Media No.
 Former Base Drawing No.
 Base Drawing No.
 Date Signature
 Format(CPI)