APPLICABLE STANDARD				
RATING	Operating Temperature Range	-55°C to 85°C(Note1)	Storage Temperature Range	-10°C TO 60°C
	Voltage	50V AC/DC ⚠2	Fitting counter part	
	Current	Signal contact : 0.3A Power contact : 5.0A (Note 2)		

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
General Examination	Visually and by measuring instrument.	According to drawing.	X	X
Marking	Confirmed visually.	According to drawing.	X	X
ELECTRIC CHARACTERISTICS				
Contact Resistance	20mV AC or less 1kHz,1m A.	Signal contact resistance: 50 mΩ MAX. Power contact resistance: 15 mΩ MAX.	X	—
Insulation Resistance	100V DC.	50 MΩ MIN.	X	—
Voltage Proof	150V AC for 1 min. ⚠2	No flashover or breakdown.	X	—
MECHANICAL CHARACTERISTICS				
Mechanical Operation	30times insertions and extractions ⚠2	① Signal contact resistance: 50 mΩ MAX. Power contact resistance: 15 mΩ MAX. ② No damage, crack or looseness of parts.	X	–
Vibration	Frequency 10 to 55 Hz,approx 5min, Single amplitude 0.75 mm,10cycles, for 3 directions.	① No electrical discontinuity of 1 μs. ② No damage, crack or Looseness of parts.	X	–
Shock	490 m/s^2 duration of pulse 11 ms at 3 times for 3 directions.	① No electrical discontinuity of 1 μs. ② No damage, crack or looseness of parts.	X	–
ENVIRONMENTAL CHARACTERISTICS				
Rapid Change of Temperature	Temperature -55 → +85℃ Time 30 → 30 min Under 5 cycles. (Relocation time to chanber : within 2-3 min)	① Signal contact resistance: 50 mΩ MAX. Power contact resistance: 15 mΩ MAX. ② Insulation resistance: 50MΩ MIN. ③ No damage, crack or looseness of parts.	X	–
Damp Heat (Steady state)	Exposed at 40 ± 2 °C, 90 to 95 %, 96 h.	① Signal contact resistance: 50 mΩ MAX. Power contact resistance: 15 mΩ MAX. ② Insulation resistance: 25MΩ MIN. ③ No damage, crack or looseness of parts.	X	–
Sulphur Dioxide	Exposed in 25 PPM for 96h,25℃,75%. (Refer to JIS C 60068)	Signal contact resistance: 50 mΩ MAX. Power contact resistance: 15 mΩ MAX.	X	–

⚠2 Contact resistance value Change.

	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
⚠2	4	DIS-H-00020065	YT.TAKAGI	RT.SHIMIZU	20240228

REMARKS
Note1: Include the temperature rising by current
Note2: The condition is "pattern width :5mm".

Unless otherwise specified, refer to JIS C 5402 and IEC 60512.

APPROVED	TY.OOI	20230616
CHECKED	RT.SHIMIZU	20230616
DESIGNED	YT.TAKAGI	20230615
DRAWN	YT.TAKAGI	20230615

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

DRAWING NO. ELC-403846-00-01

HRS	SPECIFICATION SHEET	PART NO.	BK13C06-24DP/2-0.35V(895)	
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL0673-0144-0-00 ⚠2	1/1

FORM HD0011-2-1