









APPLICABLE STANDARD						
RATING	Operating Temperature Range	-55°C to 85°C (Note 1)	Storage Temperature Range	-10°C TO 60°C		
	Voltage	30V AC/DC				
	Current	Signal contact : 1.0A 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 	X	—	
Insulation Resistance	100V DC.		100 MΩ MIN.	X	—	
Voltage Proof	150V AC for 1 min.		No flashover or breakdown.	X	—	
Voltage Standing Wave Ratio	Frequency 0 ~ 1 GHz		VSWR 1.2 Max.	X	—	
	Frequency 1 ~ 6 GHz		VSWR 1.3 Max.			
	Frequency 6 ~ 20 GHz		VSWR 1.5 Max			
MECHANICAL CHARACTERISTICS						
Mechanical Operation	10times insertions and extractions.		① Signal contact resistance: 50 mΩ MAX.  ② No damage, crack or looseness of parts.	X	—	
Vibration	Frequency 10 to 55 to 10 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 <sup>2</sup> 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°C Time 30 → 30 min Under 5 cycles. (Relocation time to chamber : within 2-3 min)		① Signal contact resistance: 50 mΩ MAX.  ② Insulation resistance: 100MΩ 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.  ② Insulation resistance: 50MΩ MIN. ③ No damage, crack or looseness of parts.	X	—	
Sulfur Dioxide	Exposed in 25 PPM for 96h, 25°C, 75%. (Refer to IEC 60068-2-42 Test Kc)		Signal contact resistance: 50 mΩ MAX. 	X	—	
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE	
	5	DIS-H-00018586	RT. SHIMIZU	TY. 001	20230707	
REMARKS			APPROVED	WR. FUKUCHI	20190808	
Note1: Include the temperature rising by current			CHECKED	TY. 001	20190808	
Unless otherwise specified, refer to IEC 60512.			DESIGNED	SU. SUNAGA	20190808	
			DRAWN	YONGJIN LEE	20190808	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-387489-51-00	
	SPECIFICATION SHEET		PART NO.	BM56G-10DP-0. 35V (51)		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL0673-7500-0-51	 1/1	