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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△	2	RE-6-3103	YJM	JHW	23.04.05				
<b>APPLICABLE STANDARD</b>									
RATING	OPERATING TEMPERATURE RANGE	-55℃ TO +85℃(note1)			STORAGE TEMPERATURE RANGE	-10℃ TO +60℃			
	VOLTAGE	30 V AC/DC			APPLICABLE CONNECTOR	BK35G06-30DP4-0.35V(***)			
	CURRENT	SIGNAL CONTACT 0.3A POWER CONTACT 2.5A							
<b>SPECIFICATIONS</b>									
ITEM		TEST METHOD			REQUIREMENTS			QT	AT
<b>CONSTRUCTION</b>									
GENERAL EXAMINATION		CONFIRMED VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			X	X
MARKING		CONFIRMED VISUALLY.						X	X
<b>ELECTRICAL CHARACTERISTICS</b>									
CONTACT RESISTANCE		20mV AC OR LESS 1kHz, 1mA			SIGNAL CONTACT : 50mΩ MAX POWER CONTACT : 30mΩ MAX			X	-
INSULATION RESISTANCE		100V DC			50MΩ MIN			X	-
VOLTAGE PROOF		100V AC FOR 1min.			NO FLASHOVER OR BREAKDOWN			X	-
Voltage Standing Wave Ratio		Frequency 0~5 GHz			VSWR 1.3 Max			X	-
		Frequency 5~10 GHz			VSWR 1.4 Max				
		Frequency 10~20 GHz			VSWR 1.5 Max				
		Frequency 20~40 GHz			VSWR 1.8 Max				
<b>MECHANICAL CHARACTERISTICS</b>									
MECHANICAL OPERATION		10 TIMES INSERTIONS AND EXTRACTIONS.			① CONTACT RESISTANCE: SIGNAL CONTACT : 50mΩ MAX POWER CONTACT : 30mΩ MAX ② NO DAMAGE, CRACK OR LOOSENESS OF PATRS.			X	-
VIBRATION		FREQUENCY 10 TO 55 TO 10 Hz, APPROX 5min SINGLE AMPLITUDE 0.75mm, 10CYCLES, FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 1μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X	-
SHOCK		490 m/s² DURATION OF PULSE 11ms AT 3 TIMES FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 1μs. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X	-
<b>ENVIRONMENTAL CHARACTERISTICS</b>									
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 → +85℃ TIME 30 → 30 min UNDER 5 CYCLES. (RELOCATION TIME TO CHAMBER: WITHIN2~3 MIN)			① CONTACT RESISTANCE: SIGNAL CONTACT : 50mΩ MAX POWER CONTACT : 30mΩ MAX ② INSULATION RESISTANCE: 50MΩ MIN ③ NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X	-
DAMP HEAT (STEADY STATE)		EXPOSED AT 40±2℃, 90 TO 95%, 96h.			① CONTACT RESISTANCE: SIGNAL CONTACT : 50mΩ MAX POWER CONTACT : 30mΩ 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±5%RH. (Test standard : JIS C 60068)			① CONTACT RESISTANCE: SIGNAL CONTACT : 50mΩ MAX POWER CONTACT : 30mΩ MAX ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			X	-
REMARKS				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
Note 1 : INCLUDE THE TEMPERATURE RISING BY CURRENT.				S.G.PARK 22.02.21	S.G.PARK 22.02.21	H.W.JO 22.02.21	H.W.JO 22.02.21	ENG 23.04.05 DEPT	
Unless otherwise specified, refer to JIS C 5402 and IEC 60512									
HIROSE KOREA CO.,LTD.			SPECIFICATION SHEET			PART NO. BK35G06-30DS4-0.35V(800)			
CODE NO.(OLD)		DRAWING NO.		CODE NO.				1/1	
CL		△ ELC3-633950-80		△ CL 6695-0016-7-800					