

APPLICABLE STANDARD				
RATING	OPERATING TEMPERATURE RANGE	-35°C TO +85°C(NOTES 1)	STORAGE TEMPERATURE RANGE	-10°C TO +60°C(NOTES 3)
	OPERATING HUMIDITY RANGE	20% TO 80%(NOTES 2)	STORAGE HUMIDITY RANGE	40% TO 70%(NOTES 2)(NOTES 3)
	VOLTAGE	50V AC / DC	APPLICABLE CONNECTOR	DF80※-30P-0.5SD(##)
	CURRENT	0.5 A/PIN (NOTES 4)		

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
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CONSTRUCTION

GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X
MARKING	CONFIRMED VISUALLY.		X	X

ELECTRIC CHARACTERISTICS

CONTACT RESISTANCE	100m A (DC OR 1000 Hz).	CONTACT:500mΩ MAX. SHIELDING:500mΩ MAX.	X	—
INSULATION RESISTANCE	100V DC.	50MΩ MIN.	X	—
VOLTAGE PROOF	150V AC FOR 1 min.	NO FLASHOVER OR BREAKDOWN.	X	—


MECHANICAL CHARACTERISTICS

MECHANICAL OPERATION	500 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: NO VARIATION OF 500 mΩ OR MORE FROM INITIAL VALUE. SHIELDING RESISTANCE: NO VARIATION OF 500 mΩ OR MORE FROM INITIAL VALUE. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	—
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COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
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REMARKS NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT NOTE2: NON CONDENSING NOTE3: THE TERM "STORAGE" REFERS TO PRODUCTS STORED FOR A LONG PERIOD PRIOR TO MOUNTING AND USE. THE OPERATING TEMPERATURE AND HUMIDITY RANGE COVERS THE NON-CONDUCTING CONDITION OF CONNECTORS AFTER BOARD MOUNTING AND THE TEMPORARY STORAGE CONDITIONS OF TRANSPORTATION, etc NOTE4: TEMPERATURE RISE OF CONNECTOR BODY ONLY, AND THAT OF CASE IS NOT INCLUDED. RATED CURRENT VARIES DEPENDING ON CABLES ASSEMBLED. NOTES: THIS PRODUCT IS USED SOLELY FOR CONTINUITY CHECK. LOCKING FEATURE IS REMOVED TO PROVIDE HIGH MATING CYCLES TO THE RECEPTACLE. Unless otherwise specified, refer to JIS C 5402,IEC60512.	APPROVED	MH. YAMANE	14. 07. 16
	CHECKED	MH. TSUCHIDA	14. 07. 16
	DESIGNED	TP. MATSUMOTO	14. 07. 15
	DRAWN	TP. MATSUMOTO	14. 07. 15

Note QT:Qualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.	ELC4-354291-01
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	SPECIFICATION SHEET	PART NO.	DF80J-30S-0. 5V (51)
	HIROSE ELECTRIC CO., LTD.	CODE NO.	CL662-8021-0-51