

APPLICABLE STANDARD						
RATING	OPERATING TEMPERATURE RANGE OPERATING HUMIDITY RANGE	-35°C TO +85°C(NOTES 1) 20% TO 80%(NOTES 2)	STORAGE TEMPERATURE RANGE STORAGE HUMIDITY RANGE	-10°C TO +60°C(NOTES 3) 40% TO 70%(NOTES 2)(NOTES 3)		
	VOLTAGE	50V AC / DC	APPLICABLE CONNECTOR	DF80※-30S-0.5V(##)		
	CURRENT	0.5 A/PIN (NOTE4)	APPLICABLE CABLE	THIN COAXIAL CABLE (AWG#40~AWG#46) / DISCRETE CABLE (AWG#32~36)		
SPECIFICATIONS						
ITEM		TEST METHOD		REQUIREMENTS		QT AT
CONSTRUCTION						
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.		X X
MARKING		CONFIRMED VISUALLY.				X X
ENVIRONMENTAL CHARACTERISTICS						
SULFUR DIOXDE GAS		EXPOSED IN 25PPM , 25℃ , 75%RH , 96h.		NO DEFECT SUCH AS CORROSION WHICH IMPAIRS THE FUNCTION OF CONNECTOR.		X —
RESISTANCE TO SOLDERING HEAT		①BONDING TEMPERATURE: 270℃ MAX :5 sec MAX 200℃ MIN :30 sec MAX ②MANUAL SOLDERING TEMPERATURE: 350℃, 3sec MAX.		NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.		X —
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE, 245℃ FOR INSERTION DURATION, 5 sec. (Sn-3.0Ag-0.5Cu)		SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED.		X —
	COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
A						
REMARKS				APPROVED	TS. SAKATA	12. 04. 16
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT				CHECKED	TS. SAKATA	12. 04. 16
NOTE2: NON CONDENSING				DESIGNED	I.O. DENPOUYA	12. 04. 15
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				DRAWN	I.O. DENPOUYA	12. 04. 15
NOTE4: TEMPERATURE RISE OF CONNECTOR BODY ONLY, AND THAT OF CASE IS NOT INCLUDED. RATED CURRENT VARIES DEPENDING ON CABLES ASSEMBLED.						
Unless otherwise specified, refer to JIS C 5402,IEC60512.						
Note	QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-338298-01
HRS	SPECIFICATION SHEET			PART NO.	DF80-30P-SHL	
	HIROSE ELECTRIC CO., LTD.			CODE NO.	CL662-8006-6-00	A 1/1