

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		30V AC	APPLICABLE CONNECTOR	DF56※-40S-0.3V(##)		
	CURRENT		AWG#42:0.2A AWG#44:0.15A (NOTES 4) AWG#46:0.1A	APPLICABLE CABLE	THIN COAXIAL CABLE (AWG#42~AWG#46)		
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 DIOXIDE GAS		EXPOSED IN 10-15 PPM 96h.		NO DEFECT SUCH AS CORROSION WHICH IMPAIRS THE FUNCTION OF CONNECTOR.		X	—
RESISTANCE TO SOLDERING HEAT		①BONDING TEMPERATURE: 270°C MAX :5 sec MAX 200°C MIN :30 sec MAX ②MANUAL SOLDERING TEMPERATURE: 350°C, 3sec MAX.		NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.		X	—
SOLDERABILITY		SOLDERED AT SOLDER TEMPERATURE, 245°C 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 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. Unless otherwise specified, refer to JIS C 5402, IEC60512.				APPROVED	TS. SAKATA	10. 07. 29	
				CHECKED	I.O. DENPOUYA	10. 07. 29	
				DESIGNED	AH. MIYAZAKI	10. 07. 29	
				DRAWN	AH. MIYAZAKI	10. 07. 29	
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-324302-01		
HRS	SPECIFICATION SHEET		PART NO.		DF56-40P-SHL		
	HIROSE ELECTRIC CO., LTD.		CODE NO.		CL662-5602-6-00		A 1/1