

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	DF56-50S-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)		
	<b>SPECIFICATIONS</b>					
ITEM	TEST METHOD		REQUIREMENTS		QT	AT
<b>CONSTRUCTION</b>						
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.		X	X
MARKING	CONFIRMED VISUALLY.				X	X
<b>ENVIRONMENTAL CHARACTERISTICS</b>						
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
<b>REMARKS</b> 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		10.07.20
			CHECKED	IO. DENPOUYA		10.07.20
			DESIGNED	AH. MIYAZAKI		10.07.20
			DRAWN	AH. MIYAZAKI		10.07.20
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-330195-01	
<b>HS</b>	SPECIFICATION SHEET		PART NO.	DF56-50P-SHL		
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL662-5608-2-00		△ 1/1