

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

APPLICABLE STANDARD				STORAGE TEMPERATURE RANGE		-10°C TO +60°C(NOTES 3)		
RATING	OPERATING TEMPERATURE RANGE	-35°C TO +85°C(NOTES 1)		STORAGE TEMPERATURE RANGE	40% TO 70%(NOTES 2)(NOTES 3)			
	OPERATING HUMIDITY RANGE	20% TO 80%(NOTES 2)			HUMIDITY RANGE			
CURRENT	VOLTAGE	30V AC		APPLICABLE CONNECTOR		APPLICABLE CABLE		DF56※-50S-0.3V(##)
	CURRENT	AWG#42:0.2A			APPLICABLE CABLE	THIN COAXIAL CABLE		(AWG#42~AWG#46)
		AWG#44:0.15A (NOTES 4)						
		AWG#46:0.1A						
SPECIFICATIONS								
ITEM	TEST METHOD			REQUIREMENTS				
CONSTRUCTION		VISUALLY AND BY MEASURING INSTRUMENT.		ACCORDING TO DRAWING.				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.							
MARKING	CONFIRMED VISUALLY.							
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	① BONDING TEMPERATURE: 270°C MAX :5 sec MAX 200°C MIN :30 sec MAX ② MANUAL 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 IMMERSDED.		X			
COUNT		DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE			
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.						
Note QT: Qualification Test		AT: Assurance Test		X: Applicable Test				
HRS		SPECIFICATION SHEET		PART NO.		DRAWING NO.		
		HIROSE ELECTRIC CO., LTD.		CODE NO.		ELC4-330195-01		
		DF56-50P-SHL		CL662-5608-2-00		AH MIYAZAKI		
		1/1		AH MIYAZAKI		10.07.20		