

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	
		AWG#42:0.2A 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		CONFIRMED VISUALLY.					
MARKING							
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	SOLDED 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.						
APPROVED	DESIGNED	CHECKED	DATE				
APPROVED	DESIGNED	CHECKED	DATE				
DESIGNED	DESIGNED	CHECKED	DATE				
DRAWN	DESIGNED	CHECKED	DATE				
Note QT:Qualification Test AT:Assurance Test X:Applicable Test		DRAWING NO.		ELC4-324302-01			
SPECIFICATION SHEET		PART NO.		DF56-40P-SHL			
		HIROSE ELECTRIC CO., LTD.		CODE NO.		CL662-5602-6-00	
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