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

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-35°C TO +85°C (NOTES 1)	STORAGE TEMPERATURE RANGE	-10°C TO +60°C (NOTES 3)	
	OPERATING HUMIDITY RANGE	20% TO 80% (NOTES 2)	STORAGE HUMIDITY RANGE	40% TO 70% (NOTES 3)	
	VOLTAGE	30V AC	APPLICABLE CONNECTOR	DF36A-50S-0.4V	
	CURRENT	AWG#42:0.25A	APPLICABLE CABLE	THIN COAXIAL CABLE (AWG#42)	
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					
SALT MIST	EXPOSED IN 5% SALT WATER SPRAY 48 h.		NO DEFECT SUCH AS CORROSION WHICH IMPAIRS THE FUNCTION OF CONNECTOR.	X	-
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, 230°C FOR INSERTION DURATION, 3 sec.		SOLDER SHALL COVER A MINIMUM OF 95% OF THE SURFACE BEING IMMERSSED.	X	-
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
					
REMARKS			APPROVED	TS. SAKATA	10.03.12
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT			DRAWN	KT. ISHII	10.03.11
NOTE2: NON CONDENSING					
NOTE3: APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD, AFTER PCB BOARD, OPERATING TEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION.					
Unless otherwise specified, refer to JIS C 5402, IEC60512.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.	ELC4-320561-00	
	SPECIFICATION SHEET		PART NO.	DF36A-50P-SHL	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL662-4045-6-00	