




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 IMMersed.	X -
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
					
REMARKS NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT 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.			APPROVED	TS. SAKATA	10.03.12
			CHECKED	TS. FUKUSHIMA	10.03.11
			DESIGNED	KT. ISHII	10.03.11
			DRAWN	KT. ISHII	10.03.11
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	 1/1