




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		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, 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			APPROVED	TS. SAKATA	10.03.12
NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT			CHECKED	TS. FUKUSHIMA	10.03.11
NOTE2: NON CONDENSING			DESIGNED	KT. ISHII	10.03.11
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.			DRAWN	KT. ISHII	10.03.11
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	 1/1