APPLICABLE STANDARD

RATING	OPERATING TEMPERATURE RANGE OPERATING HUMIDITY RANGE	-35°C TO +85°C(NOTES 1) 20% TO 80%(NOTES 2)	STORAGE TEMPERATURE RANGE STORAGE HUMIDITY RANGE	-10°C TO +60°C(NOTES 3) 40% TO 70%(NOTES 2)(NOTES 3)
	VOLTAGE	30V AC	APPLICABLE CONNECTOR	DF56※-40S-0.3V(##)
	CURRENT	AWG#42:0.2A AWG#44:0.15A (NOTES 4) AWG#46:0.1A	APPLICABLE CABLE	THIN COAXIAL CABLE (AWG#42～AWG#46)

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				
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, 245°C FOR INSERTION DURATION, 5 sec. (Sn-3.0Ag-0.5Cu)	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: 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	TS. SAKATA	10.07.29
CHECKED	IO. DENPOUYA	10.07.29
DESIGNED	AH. MIYAZAKI	10.07.29
DRAWN	AH. MIYAZAKI	10.07.29

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

HRS SPECIFICATION SHEET HIROSE ELECTRIC CO., LTD.	DRAWING NO.	ELC4-324302-01
	PART NO.	DF56-40P-SHL
	CODE NO.	CL662-5602-6-00

1/1

FORM HD0011-2-1