

In case of consideration for using Autom otive equ pm ent./device which dem and high reliability, kindly contactour sales w indow correspondents.

APPLICABLE STANDARD			
OPERATING TEMPERATURE RANGE OPERATING HUMIDITY RANGE		-35°C TO +85°C(NOTE 1) 20% TO 80%(NOTE 2)	STORAGE TEMPERATURE RANGE STORAGE HUMIDITY RANGE
			-10°C TO +60°C(NOTE 3) 40% TO 70%(NOTE 2)(NOTE 3)
RATING VOLTAGE		100V AC / DC	APPLICABLE HUMIDITY RANGE
			APPLICABLE CONNECTOR
CURRENT		AWG#34,36 : 0.3(MAX0.8A)	APPLICABLE CABLE THIN COAXIAL CABLE / AWG#36~AWG#46 / DISCRETE CABLE : AWG#34~40(Jacket : φ0.4MAX)
		AWG#40 : 0.25A	
		AWG#42 : 0.2A	
		AWG#44 : 0.15A AWG#46 : 0.1A	

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	
		QT	AT
CONSTRUCTION			
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X
MARKING	CONFIRMED VISUALLY.		X

ENVIRONMENTAL CHARACTERISTICS

SULFUR DIOXIDE GAS	EXPOSED IN 25±5PPM , 25±2°C , 75%RH , 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 IMMERSERD.	X	-

COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
2	DIS-D-003000	AH.MIYAZAKI	MH.TSUGHIDA	13.08.29

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:IT COULD BE VARIED DEPENDING ON THE CONDITIONS.

*MAX" IS RATING CURRENT AS ONLY TWO OF THEM TURN ON ELECTRICITY.

NOTES: TEMPERATURE RISE OF CONNECTOR BODY ONLY, AND THAT OF CABLE IS NOT INCLUDED. Unless otherwise specified, refer to JIS C 5402,IEC60512.

APPROVED	CHECKED	DATE
TS.SAKATA	HS.OZAWA	12.11.12
	AH.MIYAZAKI	12.11.09
	AH.MIYAZAKI	12.11.09

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

DRAWING NO. ELG4-345354-01

SPECIFICATION SHEET		PART NO.	DRAWING NO.	DF81-40P-SHL
HIROSE ELECTRIC CO., LTD.		CODE NO.	QL662-8108-6-00	