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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	-30°C TO + 85°C (NOTE 1)	STORAGE TEMPERATURE RANGE	-10°C TO + 60°C (NOTE 2)	
	OPERATING HUMIDITY RANGE $\triangle$	40% TO + 80%	STORAGE HUMIDITY RANGE $\triangle$	40% TO + 70% (NOTE 2)	
	VOLTAGE	250V AC	APPLICABLE CONNECTOR	DF3-*S-2C	
	CURRENT	AWG24 : 3A AWG26 : 2A AWG28 : 1A	APPLICABLE CABLE	UL1061, 1007 AWG24 TO 28	
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	
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE	100mA (DC OR 1000 Hz).	30m $\Omega$ MAX.	X	-	
MECHANICAL CHARACTERISTICS					
MECHANICAL OPERATION	30 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 30m $\Omega$ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-	
CONTACT INSERTION AND EXTRACTION FORCE	$\square$ 0.5 $\pm$ 0.002 BY STEEL GAUGE.	INSERTION FORCE 4.4N MAX EXTRACTION FORCE 0.3N MIN	X	-	
CLIMP TENSILE STRENGTH	MEASURE MAX, VALUE UNDER THE FOLLOWING METHOD: APPLY WIRE TENSILE STRENGTH TO CAULKING AREA AXIALLY UNTIL WIRE BECOME LOOSEN OR BREAKDOWN.	AWG24 35N MIN (11 CORES / 0.16 mm) AWG26 24N MIN (7 CORES / 0.16 mm) AWG28 16N MIN (7 CORES / 0.127 mm)	X	-	
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1 $\mu$ s. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-	
SHOCK	490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1 $\mu$ s. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-	
ENVIRONMENTAL CHARACTERISTICS					
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 $\rightarrow$ 5 TO 35 $\rightarrow$ 85 $\rightarrow$ 5 TO 35 °C TIME 30 $\rightarrow$ 10 TO 15 $\rightarrow$ 30 $\rightarrow$ 10 TO 15 min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 30m $\Omega$ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-	
DAMP HEAT (STEADY STATE)	EXPOSED AT 40 $\pm$ 2 °C, 90 TO 95 %, 96 h.	① CONTACT RESISTANCE: 30m $\Omega$ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	X	-	
REMARKS					
NOTE 1:INCLUDING THE TEMPERATURE RISE BY CURRENT NOTE 2:APPLY TO THE CONDITION OF LONG TERM STORAGE FOR UNUSED PRODUCTS BEFORE PCB ON BOARD, AFTER PCB BOARD, OPERATINGTEMPERATURE AND HUMIDITY RANGE IS APPLIED FOR INTERIM STORAGE DURING TRANSPORTATION.					
$\triangle$	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
	2	DIS-H-002402	AK. MIURA	HK. UMEHARA	07.08.30
Unless otherwise specifid , refer to JIS C 5402.			APPROVED	KJ. KATAYOSE	05.01.05
			CHECKED	TY. OMA	05.01.05
			DESIGNED	IO. DENPOUYA	05.01.05
			DRAWN	IO. DENPOUYA	05.01.05
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-018921-00
<b>HRS</b>	SPECIFICATION SHEET		PART NO.	DF3-2428SCF	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL543-0001-2-00	$\triangle$ 1/1