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 In case of consideration for using Automotive equipment/
 device which demand high reliability, kindly contact our sales window correspondents.

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
△					△				
△					△				

APPLICABLE STANDARD			
RATING	OPERATING TEMPERATURE RANGE	-30 °C TO +85 °C (NOTE1)	STORAGE TEMPERATURE RANGE -10 °C TO +60 °C
	VOLTAGE	250 V AC	APPLICABLE CONTACT —
	CURRENT	24AWG 3A	APPLICABLE CONNECTOR DF3-*S-2C
		26AWG 2A	APPLICABLE CABLE UL1061, 1007:AWG24~28
	28AWG 1A		

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	×	×
MARKING	CONFIRMED VISUALLY.		×	×
ELECTRICAL CHARACTERISTICS				
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	30 mΩ MAX.	×	—
MECHANICAL CHARACTERISTICS				
CONTACT INSERTION AND EXTRACTION FORCES	<input type="checkbox"/> 0.5±0.002 BY STEEL GAUGE.	INSERTION FORCE 4.4 N MAX. EXTRACTION FORCE 0.3 N MIN.	×	—
MECHANICAL OPERATION	50 TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	×	—
VIBRATION	FREQUENCY 10 TO 55Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1 μs.	×	—
SHOCK	490 m/s ² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	② NO DAMAGE, CRACK OR LOOSENESS OF PARTS	×	—
ENVIRONMENTAL CHARACTERISTICS				
RAPID CHANGE OF TEMPERATURE	TEMPERATURE -55 → 5~35 → +85 → 5~35 °C TIME 30 → 5~15 → 30 → 5~15 min UNDER 5CYCLES.	① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.	×	—
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90~95 %, 96 h.		×	—

REMARKS NOTE1: INCLUDE THE TEMPERATURE RISING BY CURRENT. Unless otherwise specified, refer to MIL-STD-1344.	DRAWN Y.Nagashima	DESIGNED F.Asai	CHECKED T.Miyajaki	APPROVED K.Katayama	RELEASED
	'01.01.16	01.01.17	01.1.17	'01.1.19	

Note QT:Qualification Test AT:Assurance Test ×:Applicable Test				
HRS LTD.	HIROSE ELECTRIC CO.,	SPECIFICATION SHEET	PART NO. DF3-2428SCFC	
CODE NO.(OLD) CL	DRAWING NO. ELC4-020356	CODE NO. CL543-0046-0		1/1

TO

