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

APPLICABLE STANDARD				
RATING	VOLTAGE	250 V AC	OPERATING TEMPERATURE RANGE	-30 °C TO +85 °C(NOTE1)
	CURRENT	3A	STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C(NOTE2)
	APPLICABLE CABLE	UL1061,UL1007:AWG24～28	APPLICABLE CONNECTOR	DF3A－＊P－2DSA(＊＊)

SPECIFICATIONS

ITEM	TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION				
GENERAL EXAMINATION	VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	×	×
MARKING	CONFIRMED VISUALLY.		×	×
ELECTRIC CHARACTERISTICS				
CONTACT RESISTANCE	100 mA (DC OR 1000 Hz).	30 mΩ MAX.	×	—
INSULATION RESISTANCE	500V DC	1000 MΩ MIN	×	—
VOLTAGE PROOF	650V AC FOR 1 min	NO RLASHOVER OR BREAKDOWN	×	—
MECHANICAL CHARACTERISTICS				
MECHANICAL OPERATION	30TIMES INSERTIONS AND EXTRACTIONS.	① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK AND LOSENESS OF PARTS.	×	—
VIBRATION	FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK AND LOSENESS OF PARTS.	×	—
SHOCK	490 m/s^2 DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.	① NO ELECTRICAL DISCONTINUITY OF 1 μs. ② NO DAMAGE, CRACK AND LOSENESS OF PARTS.	×	—
ENVIRONMENTAL CHARACTERISTICS				
DAMP HEAT (STEADY STATE)	EXPOSED AT 40±2 °C, 90 ～ 95 %, 96 h.	① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE:1000MΩ MIN. NO DAMAGE, CRACK AND LOSENESS OF PARTS.	×	—
RAPID CHANGE OF TEMPERATURE	TEMPERATURE –55 →5 TO 35 →+85 →5 TO 35 °C TIME 30 →10 TO 15 →30 →10 TO15min UNDER 5 CYCLES.	① CONTACT RESISTANCE: 30 mΩ MAX. ② INSULATION RESISTANCE:1000MΩ. . ③ NO DAMAGE, CRACK AND LOSENESS OF PARTS.	×	—
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, 260±5°C FOR IMMERSION,DURATION,5S.	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.	×	—
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, 230±5°C FOR IMMERSION DURATION, 3S.	A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95% OF THE SURFACE BEING IMMERSED .	×	—

REMARKS
NOTE1:INCLUDING THE TEMPERATURE RISE BY CURRENT.
NOTE2: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.

Unless otherwise specified, refer to JIS C 5402.

DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
M.Nakamoto	H.Umehara	T.Miyazaki	T.Ono	
'04.03.22	'04.03.22	'04.03.22	04.03.22	

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

HRS HIROSE ELECTRIC CO., LTD.	SPECIFICATION SHEET	PART NO. DF3-＊S-2DSA (25)

CODE NO.(OLD)	DRAWING NO.	PART NO.	
CL	ELC4-162329-10	CL543-	1/1

FORM No. 231-1

TO

In case of consideration for using Automotive equipment/device which demand high reliability, kindly contact our sales window correspondents.
Aug.1.2026 Copyright2026 HIROSE ELECTRIC CO., LTD. All rights Reserved.