

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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<b>APPLICABLE STANDARD</b>									
RATING	VOLTAGE	250 V AC			OPERATING TEMPERATURE RANGE	-30 °C TO +85 °C(NOTE1)			
	CURRENT	AWG22 : 3A			STORAGE TEMPERATURE RANGE	-10 °C TO +60 °C(NOTE2)			
					APPLICABLE CONNECTOR	DF3-※S-2C			
					APPLICABLE CABLE	UL1061, AWG22			
<b>SPECIFICATIONS</b>									
ITEM		TEST METHOD			REQUIREMENTS			QT	AT
<b>CONSTRUCTION</b>									
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.			ACCORDING TO DRAWING.			×	×
MARKING		CONFIRMED VISUALLY.						×	×
<b>ELECTRIC CHARACTERISTICS</b>									
CONTACT RESISTANCE		100 mA (DC OR 1000 Hz).			30 mΩ MAX.			×	—
<b>MECHANICAL CHARACTERISTICS</b>									
CONTACT INSERTION AND EXTRACTION FORCE		□0.5±0.002 BY STEEL GAUGE.			INSERTION FORCE 4.4N MAX EXTRACTION FORCE 0.3N MIN			×	—
MECHANICAL OPERATION		30 TIMES INSERTIONS AND EXTRACTIONS.			① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			×	—
CLIMP TENSILE STRENGTH		MEASURE MAX. VALUE UNDER THE FOLLOWING METHOD : APPLY WIRE TENSILE STRENGTH TO CAULKING AREA AXIALLY UNTIL WIRE BECOME LOOSEN OR BREAKDOWN.			AWG22 53N MIN (17 CORES / 0.16mm)			×	—
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, AT 2 h, FOR 3 DIRECTIONS.			① NO ELECTRICAL DISCONTINUITY OF 1 μs.			×	—
SHOCK		490 m/s <sup>2</sup> DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS.			② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			×	—
<b>ENVIRONMENTAL CHARACTERISTICS</b>									
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55 →5 TO 35 →+85 →5 TO 35 °C TIME 30→10 TO 15 →30 →10TO15min UNDER 5 CYCLES.			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.							
<b>REMARKS</b>									
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.				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
				W.FUKUCHI '02.08.28	W.Fukuchi '02.08.28	T.Miyagaki '02.08.28	K.Kitayama '02.8.28		
Unless otherwise specified, refer to MIL-STD-1344.									
Note QT:Qualification Test AT:Assurance Test ×:Applicable Test									
<b>HIS</b> HIROSE ELECTRIC CO., LTD.				SPECIFICATION SHEET			PART NO. DF3-22SCF		
CODE NO.(OLD) CL		DRAWING NO. ELC4-071846			PART NO. CL543-0235-3			1/1	

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