

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	2.5 0V AC	UL·CSA	3 0V AC	APPLICABLE CONNECTOR	DF11-*DS-2C			
	CURRENT	2 A		2 A	APPLICABLE CABLE	UL1061 AWG22			
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		□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 EXTRACTION.			① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			×	--
VIBRATION		FREQUENCY 10 TO 55 Hz, SINGLE AMPLITUDE 0.75 mm, - m/s ² AT 2 h, UNDER 10 CYCLES.			① NO ELECTRICAL DISCONTINUITY OF 1 μs.			×	--
ENVIRONMENTAL CHARACTERISTICS									
RAPID CHANGE OF TEMPERATURE		TEMPERATURE -55→-15~35 →+85 →-15~35°C TIME 30 → 10~15 → 30 → 10~15min 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 TO 95%, 96h.			① CONTACT RESISTANCE: 30 mΩ MAX. ② NO DAMAGE, CRACK OR LOOSENESS OF PARTS.			×	--
REMARKS NOTE 1: INCLUDE THE TEMPERATURE RISING BY CURRENT.					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
					<i>F. Asai</i>	<i>F. Asai</i>	<i>C. Hanami</i>	<i>K. Katayose</i>	
Unless otherwise specified, refer to MIL-STD-1344.					00.4.4	00.4.4	00.4.6	00.4.13	
Note QT:Qualification Test AT:Assurance Test ×:Applicable Test									
HRS HIROSE ELECTRIC CO., LTD.					SPECIFICATION SHEET				
					PART NO. DF11-22SC				
CODE NO.(OLD)			DRAWING NO		PART NO.			1	
CL			ELC4-081373		CL543-0602-2			1	

DRAWING FOR REFERENCE: This is subject to change without notice

08/11/2012

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