

COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD									
RATING	OPERATING TEMPERATURE RANGE	-30°C TO +85°C (NOTE 1)			STORAGE TEMPERATURE RANGE	-10°C TO +60°C			
	VOLTAGE	≥ 50 V			APPLICABLE CONTACT	—			
	CURRENT	AWG 24-26		2A	APPLICABLE CONNECTOR	—			
		AWG 28		1A	APPLICABLE CABLE	—			
SPECIFICATIONS									
ITEM	TEST METHOD			REQUIREMENTS			Q	T	A
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.			○	—	
CONTACT RESISTANCE MILLIVOLT LEVEL METHOD.	20 mV MAX. mA (DC OR 1000 Hz).			mΩ MAX.			—	—	
INSULATION RESISTANCE	500 V DC			1000 MΩ MIN.			○	—	
VOLTAGE PROOF	650 V AC FOR 1 min			NO FLASHOVER OR BREAKDOWN.			○	—	
MECHANICAL CHARACTERISTICS									
CONTACT INSERTION AND EXTRACTION FORCES	BY STEEL GAUGE.			INSERTION FORCE		N MAX.			
				EXTRACTION FORCE		N MIN.	—	—	
INSERTION AND WITHDRAWAL FORCES	MEASURED BY APPLICABLE CONNECTOR.			INSERTION FORCE		N MAX.			
				EXTRACTION FORCE		N MIN.	—	—	
MECHANICAL OPERATION	TIMES INSERTIONS AND EXTRACTIONS			① CONTACT RESISTANCE:		mΩ MAX.			
				② NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			—	—	
VIBRATION	FREQUENCY TO		Hz, SINGLE	① NO ELECTRICAL DISCONTINUITY OF					
	AMPLITUDE		m/s ² AT	② CONTACT RESISTANCE:		mΩ MAX.			
	FOR DIRECTIONS.			③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			—	—	
SHOCK	AT m/s ² DURATION OF PULSE		ms	① NO ELECTRICAL DISCONTINUITY OF					
	TIMES FOR DIRECTIONS.			② CONTACT RESISTANCE:		mΩ MAX.			
				③ NO DAMAGE, CRACK AND LOOSENESS 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:		1000 MΩ MIN.	○	—	
				③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.					
RAPID CHANGE OF TEMPERATURE	TEMPERATURE → → → °C		min	① CONTACT RESISTANCE:		mΩ MAX.			
	TIME UNDER CYCLES.			② INSULATION RESISTANCE:		MΩ.			
				③ NO DAMAGE, CRACK AND LOOSENESS OF PARTS.			—	—	
RESISTANCE TO SOLDERING HEAT	SOLDER TEMPERATURE, IMMERSION, DURATION,		τ FOR s.	NO DEFORMATION OF CASE OF EXCESSIVE LOOSENESS OF THE TERMINALS.			—	—	
SOLDERABILITY	SOLDERED AT SOLDER TEMPERATURE, FOR IMMERSION DURATION,		τ s.	A NEW UNIFORM COATING OF SOLDER SHALL COVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMersed.			—	—	
REMARKS				DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
NOTE 1 INCLUDE THE TEMPERATURE RISING BY TURNING ON ELECTRICITY. Unless otherwise specified, refer to MIL-STD-1344.				T. Miyazaki 95.2.2	T. Miyazaki 95.2.2	C. Hanami 95.2.7	M. Yamamoto 95.2.10		
Note QT: Qualification Test AT: Assurance Test ○: Applicable Test									
HRS HIROSE ELECTRIC CO., LTD.				SPECIFICATION SHEET			PART NO. DH11-34DS-2C		
CODE NO. (OLD) CL		DRAWING NO. ELC4-020812-01			CODE NO. CL 543-0516-2			1/1	

TO

