

APPLICABLE STANDARD					
RATING	OPERATING TEMPERATURE RANGE	-20 °C TO +125 °C	STORAGE TEMPERATURE RANGE	-20 °C TO +85 °C	
	VOLTAGE				
	CURRENT	3 A	APPLICABLE CABLE	AWG#20 TO #25 Δ (JACKET DIAMETER ϕ 1.7MAX.)	
SPECIFICATIONS					
ITEM		TEST METHOD	REQUIREMENTS	QT	AT
CONSTRUCTION					
GENERAL EXAMINATION		VISUALLY AND BY MEASURING INSTRUMENT.	ACCORDING TO DRAWING.	X	X
MARKING		CONFIRMED VISUALLY.		X	X
ELECTRIC CHARACTERISTICS					
CONTACT RESISTANCE		CONTACT SHALL BE MEASURED AT DC 1 A. (MIL-C-2316)	20 m Ω MAX.	X	-
MECHANICAL CHARACTERISTICS					
CONTACT INSERTION AND WITHDRAWAL FORCES		$\phi 0.736_{-0.003}^0$ BY STEEL GAUGE.	INSERTION AND WITHDRAWAL FORCES : 0.2 N MIN.	X	-
MECHANICAL OPERATION		500 TIMES INSERTIONS AND EXTRACTIONS. (MIL-C-5015 4.6.12.2)	CONTACT RESISTANCE: 30 m Ω MAX.	X	-
TENSILE STRENGTH (CRIMPED CONNECTION)		CRIMPED ONLY CONDUCTOR OF THE APPLICABLE WIRE AND PULLING THE APPLICABLE WIRE.	• AWG#24 (11 / ϕ 0.16) : 32 N MIN. • AWG#22 (17 / ϕ 0.16) : 49 N MIN. • AWG#20 (26 / ϕ 0.16) : 88 N MIN.	X	-
ENVIRONMENTAL CHARACTERISTICS					
CORROSION SALT MIST		EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h.	NO HEAVY CORROSION RUIN THE FUNCTION.	X	-
	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
Δ	1	DIS-C-001567	TY. SUZUKI	HY. KISHI	10.01.16
REMARK			APPROVED	MO. SATOH	08.11.12
			CHECKED	TH. KAMEYA	08.11.11
			DESIGNED	DS. MATSUNE	08.11.11
			DRAWN	DS. MATSUNE	08.11.11
Unless otherwise specified, refer to JIS C 5402.					
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC4-116077-00
HRS	SPECIFICATION SHEET		PART NO.	HR34B-SC1-211	
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL134-0050-4-00	Δ 1/1