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APPLICABLE STANDARD		CONTACT No. 1 ~		AC 150 V	DC V	APPLICABLE CABLES	AWG 26 ~ 30 (NOTE 1)
RATING	VOLTAGE	CONTACT No. 1 ~	1 A			OPERATING TEMPERATURE RANGE	-35 °C ~ +85 °C
	CURRENT						(NOTE 2)
	POWER						
SPECIALTY							

SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	Applicable Std. and ^{ABS} EDC 3-081857-03		-	-	-	0	0
2	MARKING			-	-	-	0	0
3	INSULATION RESISTANCE	Must be over standard value at DC V.		-	-	MΩ	-	-
4	CONTACT RESISTANCE	The voltage drop must be under the Std. value at DC 0.1 A.	MIL-STD-1344	-	30	mΩ	0	-
	CONTACT	The voltage drop must be under the Std. value at DC A.		-	-	mΩ	-	-
5	DIELECTRIC WITHSTANDING VOLTAGE	Must keep the AC DC V for one minute.		-	-	-	-	-
6	LOW LEVEL CIRCUIT	The Contact Resistance must be under the Std. value at DC 20 mV less and 1 mA.		-	-	mΩ	-	-
7	DRY CIRCUIT	Must have conductivity in alternate current at DC μV.		-	-	-	-	-
8	CONTACT ENGAGEMENT AND SEPARATION FORCES	Must be suitable for the Std. gauge size value at applicable gauge.		-	-	N	-	-
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.	MATING UNMATING	-	-	N	-	-
9	HUMIDITY	Insulation resistance must be over the Std. value at	at high humidity	-	-	MΩ	-	-
		τ - x hours.	after high humidity	-	-	MΩ	-	-
10	VIBRATION	Must have no damage, crack and looseness of parts at Frequency range 10 ~ 55 Hz, Total amplitude 1.5 mm, at 2 hours for 3 directions.	MIL-STD-1344	-	-	-	0	-
11	SHOCK	Must have no damage, crack and looseness of parts 490 m/s ² at 3 times for 3 directions.	MIL-STD-1344	-	-	-	0	-
12	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for -55 ~ +85 °C, 5 cycles, total 5 hours.	MIL-STD-1344	-	-	-	0	-
13	DURABILITY CONTACT	Must be less than the Std. value after 30 times insertion and extraction at the condition described in above item No. 4.		-	30	mΩ	0	-
				-	-	mΩ	-	-
14	SALT SPRAY (CORROSION)	Must not have heavy corrosion after x hours salt water spray for hours.		-	-	-	-	-
15	H ₂ S-EXPOSURE	Must not have heavy corrosion after ppm for hours.		-	-	-	-	-
16	SO ₂ -EXPOSURE	Must not have heavy corrosion after ppm for hours.		-	-	-	-	-
17	CRIMP TENSILE STRENGTH	AWG 26		19.6	-	N	0	-
		AWG 28		9.8	-	N	0	-
		AWG 30		5.9	-	N	0	-

REMARKS NOTE 1: OUTER DIAMETER: MAX φ 0.1 mm NOTE 2: This temperature includes a rise by heat's generation of connector when electricity passes.	APPROVED	<i>H. Yamamoto</i>	'94.4.25	HIROSE ELECTRIC CO., LTD.	ISSUED BY
	REVIEWED				
	CHECKED	<i>K. Akiyama</i>	'94.4.25		
	DESIGNED	<i>J. Tashiro</i>	'94.4.19		
	DRAWN	<i>T. Goi</i>	'94.4.18		
DRAWING No. ELC4-081857-03				PART No. DF13-2630SCF	CODE No. CL536-0300-5-
SPECIFICATION SHEET					

