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COUNT	REVISIONS	BY	CHKD	DATE	COUNT	REVISIONS	BY	CHKD	DATE
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APPLICABLE STANDARD		CONTACT No. / ~ 3		AC 150 V	DC V	APPLICABLE CABLES
RATING	VOLTAGE	CONTACT No. / ~ 3	1 A			IMPEDANCE FREQUENCY RANGE
	CURRENT					Ω (0 ~ Hz)
	POWER					OPERATING TEMPERATURE RANGE
	SPECIALTY					-35 °C ~ +85 °C (Notes: 1)

SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	EDC3 Applicable Std. and 08 -081788-01		-	-	-	○	○
2	MARKING			-	-	-	○	○
3	INSULATION RESISTANCE	Must be over standard value at DC 100 V.	MIL-STD-1344	500	-	MΩ	○	-
4	CONTACT RESISTANCE	The voltage drop must be under the Std. value at DC A.		-	-	mΩ	-	-
	CONTACT	The voltage drop must be under the Std. value at DC A.		-	-	mΩ	-	-
5	DIELECTRIC WITHSTANDING VOLTAGE	Must withstand DC AC 500 V for one minute.	MIL-STD-1344	-	-	-	○	-
6	LOW LEVEL CIRCUIT	The Contact Resistance must be under the Std. value at DC 20mV less and 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. value at applicable gauge. gauge size		-	-	N	-	-
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.		-	-	N	-	-
9	HUMIDITY	Insulation resistance must be over the Std. value at at high humidity 40±2 °C 90-95% 96 hours. after high humidity	MIL-STD-1344	500	-	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	-	-	-	○	-
11	SHOCK	Must have no damage, crack and looseness of parts after 3 cycles at 490 m/s ² in 3 directions.	MIL-STD-1344	-	-	-	○	-
12	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for -55-+85 °C 5 cycles.	MIL-STD-1344	-	-	-	○	-
13	DURABILITY	Must be less than the Std. value after insertion and extraction cycles at the condition described in above item No.4.		-	-	mΩ	-	-
	CONTACT			-	-	mΩ	-	-
14	SALT SPRAY (CORROSION)	Must not have heavy corrosion after x 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.		-	-	-	-	-

Notes: 1
This temperature includes a rise by heat's generation of connector when electricity passes.

REMARKS	APPROVED	<i>H. Yamamoto</i>	'93.12.2	ISSUED BY
	REVIEWED			
	CHECKED	<i>K. Akiyama</i>	'93.12.2	
	DESIGNED	<i>S. Tashiro</i>	'93.12.2	
	DRAWN	<i>J. Gōi</i>	'93.12.1	
PART No.				HIROSE ELECTRIC CO., LTD.
DF13-3S-1.25C				
DRAWING No.				CODE No.
ELC4-081788-01 SPECIFICATION SHEET				CL536-0002-7-

