△	COUNT	REVISIONS	BY	CHKD	DATE	△	COUNT	REVISIONS	BY	CHKD	DATE
△					. .	△					. .
△					. .	△					. .

APPLICABLE STANDARD						
RATING	VOLTAGE	CONTACT No. / ~	AC 250 V / DC V	APPLICABLE CABLES	(Notes:2)	
	CURRENT	CONTACT No. / ~	1 A	IMPEDANCE FREQUENCY RANGE	Ω (O~ Hz)	
	POWER			OPERATING TEMPERATURE RANGE	-35 ℃~ +85 (Notes1)	
	SPECIALTY					

SPECIFICATIONS

No.	ITEM	CONDITIONS		TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN·MATERIAL·FINISH	Applicable Std. and ADC 86 — 20210			—	—	—	O	O
2	MARKING				—	—	—		
3	INSULATION RESISTANCE	Must be over standard value at DC V.				—	MΩ		
4	CONTACT RESISTANCE UNIT CONTACT	The voltage drop must be under the Std. value at DC 0.1 A.		MIL-STD-1344	—	30	mΩ	O	
	CONTACT	The voltage drop must be under the Std. value at DC A.			—		mΩ		
5	DIELECTRIC WITHSTANDING VOLTAGE	Must withstand AC/DC . V for one minute.			—	—	—		
6	LOW LEVEL CIRCUIT	The Contact Resistance must be under the Std. value at DC20mV 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 □0.635±0.002	MIL-STD-1344	40	450	N	O	
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.					N		
9	HUMIDITY	Insulation resistance must be over the Std. value at ℃ ~ %, hours.	at high humidity			—	MΩ		—
			after high humidity			—	MΩ		—
10	VIBRATION	Must have no damage, crack and looseness of parts at Frequency range ~ Hz, Total amplitude mm, G at hours for directions.			—	—	—		—
11	SHOCK	Must have no damage, crack and looseness of parts after cycles at . G in directions.			—	—	—		—
12	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for ~ ℃ cycles.			—	—	—		—
13	DURABILITY UNIT CONTACT	Must be less than the Std. value after 30 insertion and extraction cycles at the condition described in above item No.4.		MIL-STD-1344	—	30	mΩ	O	—
	CONTACT				—		mΩ		—
14	SALT SPRAY (CORROSION).	Must not have heavy corrosion after % salt water spray for hours.			—	—	—		—
15	H2S-EXPOSURE	Must not have heavy corrosion after ppm for hours.			—	—	—		—
16	SO2-EXPOSURE	Must not have heavy corrosion after ppm for hours.			—	—	—		—

Notes:1
This tempareture includes a rise by heat's generation of connector when electricity passes.
Notes:2
AWG #28 (OUTER DIAMETER Ø0.9 ~ 1.39)

REMARKS				ISSUED BY
	APPROVED	H. Yamamoto	93·2·15	HIROSE ELECTRIC CO., LTD.
	REVIEWED		. .	
	CHECKED	T. Oma	93.2.15	
	DESIGNED	M. Gotoh	'93·2·12	PART No. DF1B-R28
	DRAWN	T. Shiraishi	93·2·12	

DRAWING No. SLC4-20210- | SPECIFICATION SHEET | CODE No. CL541-0222-9-

NOTE QT:Qualification Test AT:Assurance Test O:Applicable item FORM No.

TO