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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

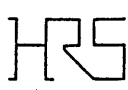
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APPLICABLE STANDARD																			
RATING	VOLTAGE	CONTACT No.	AC 250 V														APPLICABLE CABLES	(Notes:2)	
	CURRENT	CONTACT No.	DC	A														IMPEDANCE FREQUENCY RANGE	Ω (0~ Hz)
	POWER														OPERATING TEMPERATURE RANGE	-35 °C ~ +85 (Notes:1)			
	SPECIALTY																		

## SPECIFICATIONS

No.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	ADC		-	-	-	○	○
2	MARKING	Applicable Std. and $\phi$ - 20210		-	-	-		
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	○	
	UNIT 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 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 $\phi 0.635 \pm 0.002$	MIL-STD-1344	40	450	N	○	
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.				N		
9	HUMIDITY	Insulation resistance must be over the Std. value at $\tau$ - X, hours.				MΩ		
		at high humidity 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 - °C cycles.						
13	DURABILITY	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	○	
	UNIT CONTACT					mΩ		
14	SALT SPRAY (CORROSION).	Must not have heavy corrosion after X salt water spray for hours.						
15	H <sub>2</sub> S-EXPOSURE	Must not have heavy corrosion after ppm for hours.						
16	SO <sub>2</sub> -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.  
Notes:2  
AWG #28 (OUTER DIAMETER  $\phi 0.9 \sim 1.39$ )

REMARKS	APPROVED	<i>H. Yamamoto</i>	93.2.15	 HIROSE ELECTRIC CO., LTD.	ISSUED BY
	REVIEWED				
	CHECKED	<i>J. Oma</i>	93.2.15		
	DESIGNED	<i>M. Gotoh</i>	93.2.12		
	DRAWN	<i>J. Shiraiishi</i>	93.2.12		
DRAWING No. SLC4-20210 - SPECIFICATION SHEET				PART No. DF1B-R28	CODE No. CL541-0222-9-

