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 In case that the application demands a high level of reliability, such as automotive,  
 please contact a company representative for further information.

△ COUNT	REVISIONS	BY	CHKD	DATE	△ COUNT	REVISIONS	BY	CHKD	DATE		
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APPLICABLE STANDARD											
RATING	VOLTAGE	CONTACT No. ~	AC DC	V V	APPLICABLE CABLES		MAX $\phi$ 6.7				
	CURRENT	CONTACT No. ~	A		IMPEDANCE FREQUENCY RANGE		$\Omega$ (0 ~ Hz)				
	POWER				OPERATING TEMPERATURE RANGE		-55 °C ~ 85 °C				
	SPECIALTY										
SPECIFICATIONS											
No.	ITEM	CONDITIONS			TEST STANDARD	MIN	MAX	UNITS	QT	AT	
1	DESIGN-MATERIAL-FINISH	Applicable Std. and ADC DC <sup>3</sup> - 42480				-	-	-	○	○	
2	MARKING					-	-	-	○	○	
3	INSULATION RESISTANCE	Must be over standard value at DC V.				-	-	M $\Omega$	-	-	
4	CONTACT RESISTANCE	The voltage drop must be under the Std. value				-	-	m $\Omega$	-	-	
	CONTACT	at DC A.				-	-	m $\Omega$	-	-	
4	CONTACT	The voltage drop must be under the Std. value				-	-	m $\Omega$	-	-	
	CONTACT	at DC A.				-	-	m $\Omega$	-	-	
5	DIELECTRIC WITHSTANDING VOLTAGE	Must keep the AC DC V for one minute.				-	-	-	-	-	
6	V SWR	Must be under the Std. value at frequency ~ Hz.				-	-	-	-	-	
7	INSERTION LOSS	Must be under the Std. value at frequency ~ Hz.				-	-	dB	-	-	
8	LOW LEVEL CIRCUIT	The Contact Resistance must be under the Std. value at DC 20mV less and mA.				-	-	m $\Omega$	-	-	
9	CONTACT ENGAGEMENT AND SEPARATION FORCES	Must be suitable for the Std. value at applicable gauge.			gauge size	-	-	gf	-	-	
	MATING AND UNMATING FORCES	Must be suitable for the Std. value.				-	-	kgf	-	-	
10	HUMIDITY	Insulation resistance must be over the Std. value at °C ~ % hours.			at high humidity	-	-	M $\Omega$	-	-	
					after high humidity	-	-	M $\Omega$	-	-	
11	VIBRATION	Must have no damage, crack and looseness of parts at Frequency range 10 ~ 55 Hz, Total amplitude 1.52mm, -G at 2 hours for 3 directions.			MIL STD 202 -201A	-	-	-	○	-	
12	SHOCK	Must have no damage, crack and looseness of parts 50 G at 3 times for 3 directions.			MIL-STD-202 -213B (A)	-	-	-	○	-	
13	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for -55 ~ 85°C, 5 cycles.			MIL-STD-202 -102A (D)	-	-	-	○	-	
14	DURABILITY	CONTACT	Must be less than the Std. value after times insertion and extraction at the condition				-	-	m $\Omega$	-	-
		CONTACT	described in above item No.4.				-	-	m $\Omega$	-	-
15	SALT SPRAY (CORROSION)	Must not have heavy corrosion after 5 x salt water spray for 48 hours.			MIL-STD-202 -101D (B)	-	-	-	○	-	
16	WATER PRESSURE WITHSTANDING	No leakage at depth m kgf/cm <sup>2</sup> hours.				-	-	-	○	-	
17	AIR PRESSURE WITHSTANDING	No leakage at pressure kgf/cm <sup>2</sup> mmHg			min sec	-	-	-	-	-	
REMARKS											
		APPROVED	A. Nakagawa 10.4.90		HIROSE ELECTRIC CO., LTD.			ISSUED BY			
		REVIEWED	S. Kikuta 10.4.90								
		CHECKED	M. Nakamura 10.4.90								
		DESIGNED	N. NISIMATU 10.4.90								
		DRAWN	. . .								
DRAWING No.					PART No.						
SLC4 - 42480 -					DX30M - 20 - CV						
SPECIFICATION SHEET					CODE No.						
					CL 230 - 5052 - 0 -						