

Excellent Integrated System Limited

Stocking Distributor

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[Hirose Electric Co Ltd](#)
[TM2RG-L64-5S-150](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

A		REVISIONS			BY	CHKD	DATE	B		REVISIONS			BY	CHKD	DATE
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APPLICABLE STANDARD															
RATING	VOLTAGE	CONTACT No. 1~4	AC 125 V						APPLICABLE CABLES						
	CURRENT	CONTACT No. 1~4	500mA						IMPEDANCE FREQUENCY RANGE	Ω (0~ Hz)					
	POWER								OPERATING TEMPERATURE RANGE	-25℃~ 60℃					
	SPECIALTY														
SPECIFICATIONS															
No.	ITEM	CONDITIONS						TEST STANDARD	MIN	MAX	UNITS	QT	AT		
1	DESIGN-MATERIAL-FINISH	Applicable Std. and ^{ADC} DC J-2343/							-	-	-	○	○		
2	MARKING								-	-	-	○	○		
3	INSULATION RESISTANCE	Must be over standard value at DC 100 V.							100	-	MΩ	○	○		
4	CONTACT RESISTANCE	The voltage drop must be under the Std. value at DC 100 mA.							-	200	mΩ	○	○		
	Unit CONTACT CONTACT	The voltage drop must be under the Std. value at DC A.							-	-	mΩ	-	-		
5	DIELECTRIC WITHSTANDING VOLTAGE	Must keep the AC DC 500 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 1 mA.							-	200	mΩ	○	○		
9	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.							-	-	N	-	-		
10	HUMIDITY	Insulation resistance must be over the Std. value at 40℃ 90~95% 500 hours.						JIS C 5402	1	-	MΩ	○	-		
		at high humidity after high humidity						7.3	10	-	MΩ	○	-		
11	VIBRATION	Must have no damage, crack and looseness of parts at Frequency range 10~55 Hz, Total amplitude 1.5 mm, 7/8 at 2 hours for 3 directions.						JIS C 5402	-	-	-	○	-		
12	SHOCK	Must have no damage, crack and looseness of parts 490 7/8 at 3 times for 3 directions.						JIS C 5402	-	-	-	○	-		
13	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for -55~85℃ 5 cycles.						JIS C 5402	-	-	-	○	-		
14	DURABILITY Unit CONTACT CONTACT	Must be less than the Std. value after times insertion and extraction at the condition described in above item No.4.							-	220	mΩ	○	-		
									-	-	mΩ	-	-		
15	SALT SPRAY (CORROSION)	Must not have heavy corrosion after 5 x salt water spray for 48 hours.							-	-	-	○	-		
16	WATER PRESSURE WITHSTANDING	No leakage at depth m Pa hours.							-	-	-	-	-		
17	AIR PRESSURE WITHSTANDING	No leakage at pressure Pa Pa min sec							-	-	-	-	-		
FOR REFERENCE ONLY Subject to change without notice															
REMARKS		APPROVED	A. Nakayama	92.9.1	HIROSE ELECTRIC CO., LTD.						ISSUED BY				
① CONTACT RESISTANCE TEST CONDITION		REVIEWED													
		CHECKED	H. Miura	92.9.1											
		DESIGNED	S. Sato	92.8.29											
		DRAWN	S. Sato	92.8.29											
DRAWING NO.		PART NO.						TM2RG-L64-5S-150							
SLC4-2343/ -		SPECIFICATION SHEET						CODE NO.		CL222-1157-1-					

