

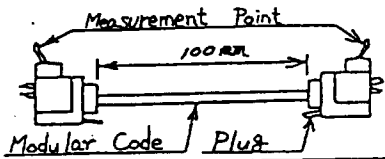
COUNT	DESCRIPTION OF REVISIONS	BY	CHECKED	DATE	COUNT	DESCRIPTION OF REVISIONS	BY	CHECKED	DATE
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APPLICABLE STANDARD				APPLICABLE CABLES			
RATING	VOLTAGE	CONTACT No. 1~4	AC 125 V DC				
	CURRENT	CONTACT No. 1~4	0.5 A	IMPEDANCE FREQUENCY RANGE	Ω (0~ Hz)		
	POWER			OPERATING TEMPERATURE RANGE	-25 °C ~ 60 °C		
	SPECIALTY						

SPECIFICATIONS

NO.	ITEM	CONDITIONS	TEST STANDARD	MIN	MAX	UNITS	QT	AT
1	DESIGN-MATERIAL-FINISH	ADC Applicable Std. and DC 3-45425.		-	-	-	○	○
2	MARKING			-	-	-	○	○
3	INSULATION RESISTANCE	Must be over standard value at DC 100 V.		100	-	MΩ	○	○
4	CONTACT RESISTANCE A CONTACT	The voltage drop must be under the Std. value at DC 100 mA. 1		-	200	mΩ	○	○
	CONTACT	The voltage drop must be under the Std. value at DC A.		-	-	mΩ	-	-
5	DIELECTRIC WITHSTANDING VOLTAGE	Must keep the AC 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 mA.		-	-	mΩ	-	-
9	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	-	-
10	HUMIDITY	Insulation resistance must be over the Std. value at 40 °C, 90~95% x 500 hours.	at high humidity JIS C 5402	1	-	MΩ	○	-
			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, - m/s² at 2h for 3 directions.	JIS C 5402 6.1	-	-	-	○	-
12	SHOCK	Must have no damage, crack and looseness of parts 490 m/s² at 3 times for 3 directions.	JIS C 5402 6.2	-	-	-	○	-
13	TEMPERATURE CYCLING	Must have no damage, crack and looseness of parts for -55~85 °C, 5 cycles.	JIS C 5402 7.2 (b)	-	-	-	○	-
14	DURABILITY A CONTACT CONTACT	Must be less than the Std. value after 200 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.	JIS C 5402 7.1	-	-	-	○	-

NOTE 1



REMARKS	APPROVED	A. Nakagawa	93.2.13	HIROSE ELECTRIC CO., LTD.	RELEASED
	REVIEWED	J. Tanaka	93.2.13		
	CHECKED	P. Takayuki	93.2.13		
	DESIGNED	T. Kamaya	93.2.13		
	DRAWN	T. Kamaya	93.2.13		
DRAWING NO. SLC4-45425 - SPECIFICATION SHEET				PART NO. TM15R-64 (30)	CODE NO. CL222-2505-1-

TO
Q2

