

APPLICABLE STANDARD		NDSC 0152C, MIL-STD-202					
Rating	Operating Temperature Range	-55 °C to 85 °C		Storage Temperature Range	-55 °C to 85 °C		
	Voltage	300V AC, 420V DC		Operating Humidity Range	95 % max		
	Current	—		Applicable Cable	—		
SPECIFICATIONS							
ITEM		TEST METHOD		REQUIREMENTS		QT	AT
CONSTRUCTION							
General Examination		Visually and by measuring instrument.		According to drawing.		X	X
Marking		Confirmed visually.				X	X
ELECTRIC CHARACTERISTICS							
Insulation Resistance		500 V DC.		5000 MΩ min.		X	—
Voltage Proof		1000 V AC for 1 min.		No flashover or breakdown.		X	—
MECHANICAL CHARACTERISTICS							
Insertion and Withdrawal Forces		Measure with the applicable connector.		Insertion force : 63.7 N max. Withdrawal force : 63.7 N max.		X	—
Vibration		Frequency 10 to 500 Hz, single amplitude 0.75 mm, at 2 h, for 3 directions.		1) No electrical discontinuity of 10 μs. 2) No damage, crack and looseness of parts		X	—
Shock		490 m/s ² duration of pulse 11 ms at 3 times for 3 directions.				X	—
ENVIRONMENTAL CHARACTERISTICS							
Rapid Change of Temperature		Temperature -55 → +25 → +85 → +25 °C Time 30 → 2~3 → 30 → 2~3 min. Under 5 cycles.		No damage, crack and looseness of parts.		X	—
Humidity		Exposed at 25 ~ 65°C, 90~98 %, 240h		1) Insulation resistance: (at high humidity) 1 MΩ min. (at dry) 1000 MΩ min. 2) No damage, crack and looseness of parts.		X	—
COUNT	DESCRIPTION OF REVISIONS		DESIGNED		CHECKED		DATE
△							
REMARK				APPROVED	NM. NISHIMATSU	17.08.08	
				CHECKED	NM. NISHIMATSU	17.08.08	
				DESIGNED	MO. SHIMOYAMA	17.08.08	
				DRAWN	AK. AKIYAMA	17.08.08	
Unless otherwise specified, refer to IEC 60512.							
Note QT:Qualification Test AT:Assurance Test X:Applicable Test			DRAWING NO.		ELC-007255-10-00		
	SPECIFICATION SHEET		PART NO.	PC-1624 (10)			
	HIROSE ELECTRIC CO., LTD.		CODE NO.	CL216-0339-1-10		△	1/1