

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	QTAT	
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 : 44.1 N max. Withdrawal force : 44.1 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	—