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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

Applicable standard					
Rating	Operating temperature range	-30°C to + 85°C(Note 1)	Storage temperature range		-10°C to + 60°C
	Voltage	250V AC	UL・CSA Rating	Voltage	30V AC
	Current	△1 AWG 24 : 3A AWG 26 : 2A AWG 28 : 1A		Current	△1 AWG 24 : 3A AWG 26 : 2A AWG 28 : 1A
	Applicable contact	DF3-EP2428PCF(A) DF3-EP2428PC(A)	Applicable connector		DF3-*S-2C
			Applicable cable		UL1061,1007 AWG24 to 28

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	500V DC.	1000MΩ MIN.	X	—
Voltage proof	650V AC for 1 min.	No flashover or breakdown.	X	—
Mechanical characteristics				
Vibration	Frequency 10 to 55 Hz, single amplitude 0.75 mm, at 2 h, for 3 directions.	① No electrical discontinuity of 1μs.	X	–
Shock	490 m/s^2 duration of pulse 11 ms at 3 times for 3 directions.	② No damage, crack or looseness of parts.	X	–
Environmental characteristics				
Rapid change of temperature	Temperature -55→ 5 to 35→+85→ 5 to 35 °c Time 30→ 5 to 15 → 30→ 5 to 15 min Under 5 cycles.	① Insulation resistance: 1000MΩ MIN. ② No damage, crack or looseness of parts.	X	–
Damp heat (Steady state)	Exposed at 40 ± 2 °c, 90 to 95 %, 96 h.	① Insulation resistance: 1000MΩ MIN. ② No damage, crack or looseness of parts.	X	–

	count	description of revisions	designed	checked	date
△1	2	DIS-H-00001155	MI.SAKIMURA	TS.FUKUSHIMA	15.12.04

Remarks
Note 1:Including the temperature rise by current.

Unless otherwise specified , refer to IEC 60512.

Approved	KJ.KATAYOSE	05.01.05
Checked	KI.AKIYAMA	05.01.05
Designed	TH.ARAI	05.01.05
Drawn	TH.ARAI	05.01.05

Note QT:Qualification Test AT:Assurance Test X:Applicable Test

		Drawing no.	ELC-162399-00-01	
HRS	Specification sheet	Part no.	DF3AA-*EP-2C	
	Hirose electric co., ltd.	Code no.	CL543	△1 1/1

FORM HD0011-2-1