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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	AWG 24 : 3A AWG 26 : 2A AWG 28 : 1A	Applicable connector	Current	AWG 24 : 3A AWG 26 : 2A AWG 28 : 1A	
	Applicable contact	DF3-EP2428PCF (A) DF3-EP2428PC (A)		Applicable cable	DF3-*S-2C 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
△	2	DIS-H-00001155		MI. SAKIMURA	TS. FUKUSHIMA	15. 12. 04
Remarks				Approved	KJ. KATAYOSE	05. 01. 05
Note 1:Including the temperature rise by current.				Checked	KI. AKIYAMA	05. 01. 05
Unless otherwise specified , refer to IEC 60512.				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.	GL543	△	1/1