Applicat	le star	ndard										
	Opera	ting Tempe	erature Range	-55 to +105°C (Note1) Stora		Storag	le Temp	perature Ra	nge -10 °C to +	-10 °C to +60°C (Note3)		
Rating	Operating Humidity Range			20% to 80% (No	te2)	Storag	e Humi	dity Range	40% to	40% to 70% (Not		
	Applic	able Con	nector	DF51%-6S-2C(##)		Curren	nt		_	AWG 24 to 26 : 2.0A AWG 28 : 1.0A		
	Applicable Contact			DF11-EP2428PC(A)/PCF(A) 250 V AC/DC		UL·	C-UL	Voltage	30 V	AC/DC	;	
	Voltage					Ratin	Poting			AWG 24 to 28 :		
Voltage			Specifications				Current AWG 24 to 28				1.0A	
	Itana			•	mcau	0113					0.7	
Construe	Item			Test method				R	equirements		QT	AT
Construction General Examination			Visually and by measuring instrument.				According to drawing.				X	X
Marking			Confirmed visually.								X	X
<u> </u>	Charad	cteristics		any.								
Insulation Resistance			500 V DC.				1000 MΩ MIN.				Х	- 1
Voltage Proof			650 V AC for 1 min.				No flashover or breakdown.				Х	-
-		aracteris										
Mechanical Operation (Sn Plating)			30 times insertion and extraction.				No damage, crack or looseness of parts.				X	-
Mechanical Operation (Au Plating)			50 times insertion and extraction.								Х	-
Mating and unmating Force (Sn Plating)			It takes out and inserts with a conformity connector.				1.Insertion Force : 38.0N MAX. 2.Extraction Force : 1.5N MIN.				X	
Mating and unmating Force			It takes out and inserts with a conformity connector.				1.Insertion Force : 29.7N MAX. 2.Extraction Force : 1.5N MIN.				Х	_
(Au Plating) Vibration			Frequency 10 to 55 Hz, single amplitude 0.75 mm, at 10 cycles for 3 direction.				No damage, crack or looseness of parts.				X	-
Shock			Acceleration 490 m/s ² duration of pulse 11 ms at 3								Х	-
Or a face of a sector of the sector of			times for 3 directions.				11.8N MIN				X	
Contact extraction force Environmental Charact			Pull out the cable after housing fixation.				11.8N	IVIIIN			Χ	
Damp Hea		Charact		± 2°C , humidity 90 to	95 % 96	h.	1.Insul	ation resista	ance: 500 MΩ MIN.	/2\	Х	Г_
(Steady State)			(After leaving the room temperature for 1 to 2h.)				2.No damage, crack or looseness of parts.					
Rapid Change Of Temperature			Temperature-55°C→+105°CTime $30min \rightarrow 30min$ Under 5 Cycles.(The transferring time of the tank is 2 to 3 MIN)(After leaving the room temperature for 1 to 2h.)				1.Insulation resistance: 1000 MΩ MIN. 2 2.No damage, crack or looseness of parts.				Х	
Dry Heat			Exposed at 105±2°C, 96h								Х	-
Cold			Exposed at -55±3°C, 96h								Х	$\left[-\right]$
Note 2:No Note 3:Ap	conden ply to the	sing e condition		ent. rage for unused produc erature and humidity rar				storage dur	ring transportation.			
A	OUNT	D	ESCRIPTION O	F REVISIONS		DESIC	GNED		CHECKED		DA	TE
2	6	DIS-H-		0004577		TS.MI			SZ. ONO	SZ. ONO		011
							APPR		ED HS. OKAWA		2016	060
						CHECK		D YN. TAKASHIT	A	2016	060	
							DESI		D TT. OHSAKO		2016	060
Unless otherwise specified, re			efer to IEC 60512.			DRAWN		TT. OHSAKO	AKO 201606		060	
Note QT	:Qualific			Test X:Applicable Tes	st	DRAWING				-366300-00-00)
HRS		SPE	ECIFICATION SHEET		PA	PART NO			DF51-6EP-2	DF51-6EP-2C		
HIRO		HIROS	SE ELECTE	RIC CO., LTD.		CODE N		CL543-5129-0-00			\wedge	1/1

CODE NO.

FORM HD0011-2-1

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