Applicabl	e sta	andard														
Operating temperature range			-55°C to + 85°C(Note 1)					temperature range			-10°C to + 60°C(Note 3)					
RATING	Indifficity range		20% to 80%(Note 2)				humidity	Storage humidity range			40% to 70% (Note 3)					
Voltage			1000V AC/DC				Applicable connector				DF22-*S-7. 92C(28)					
0		ron+ (+1)	·				Current(*2)				DF22#-*S-7. 92C Contact 2, 3				#=B, C 4, 5	
	Current(*1)					2, 3	4, 5		L (+Z)		-					
				AWG1		38A/pin 32A/pin	33A/pin					AWG10 AWG12		/pin /pin		/pin /pin
				AWG1				_			-	AWG14				
				AWG1	_	23A/pin 21A/pin						AWG14		/pin /pin		/pin /pin
		5.7		l I	U					01/50			l			
		RAI	ED VOLTA						OVER	VULIA	DLTAGE CATEGORY IP- DEGREE				KEE	
UL	UL 600V AC/DO			SEE ABOVE LEFT (*1) (AT AMBIENT TEMP. 25°C) (NOTE				4)								
C-UL	C-UL 600V AC/DO			SEE ABOVE RIGHT(*2) (TEMP. RISE UP 30°CMAX)						_				_		
TUV	TIIV 600V AC/		OOV AC/DO					п			IP00	IP00				
			· · ·				pecific		ıs					ı		
	tem				Т	est method	7001110		. <u> </u>		Ren	uirements			QT	АТ
Construc			<u> </u>			- Thomba			<u> </u>		1104				العا	
General exam		<u> </u>	Visually ar	nd by mea	asurin	g instrument.			According to drawing.						Х	Х
Marking			Confirmed					1					Χ	Х		
Electric o																
Contact resi Millivolt leve			20mV	MAX, 1m	nA (E	OC or 1000 I	Hz).		5mΩ MAX. X						_	
	Insulation resistance 1000V			DC.				1000MΩ MIN.				Х	_			
Voltage proof 2500V			AC for 1 min.				No flashover or breakdown.					_				
Mechani	cal c	haracte	eristics						ı						I	I
Mechanical operation 50 tim			es insertions and extractions.				Contact resistance: 10mΩ MAX. No damage, crack or looseness of parts. V									
			cy 10 to 55 Hz, single amplitude				1) No electrical discontinuity of 1μs.					X	_			
Shock				n, at 2 h, for 3 directions. duration of pulse 11 ms at 3 times for 3				2) No damage, crack or looseness of parts. X 1) No electrical discontinuity of 1 µs.					X	_		
direction			•				2) No damage, crack or looseness of parts.					Х	_			
Cour	nt		Descript	tion of re	visio	ns		Desi	gned			Chec	cked			Date
Δ																-
						Approved						20200310				
							Checked		SZ. ONO		20200310					
Unless otherwise specified refer				r to IEC 60512					Designed Drawn		SN. MIWA			20200310 20200306		
Unless otherwise specified , refer t											20					
Note QT:Qualification Test AT:As									Drawing no.			ELC-163718-53-00				
H \(\mathbf{T}\)				ificatio		sheet o., Itd.				DF22-*P-7. 92DS (5 CL680			∠υδ (5)	A	1/2	
FORM HD0011	 -2-1		1111036	CICUII	10 0	J., IIU.		Code	± 110.			ULUOU			Δ	1/4

	Specification	ns		
Item	Test method	Requirements	QT	АТ
ENVIRONMENTAL	. CHARACTERISTICS	· · · · · · · · · · · · · · · · · · ·		
Rapid change of temperature	Temperature -55 \rightarrow 5 to 35 \rightarrow +85 \rightarrow 5 to 35 °c Time 30 \rightarrow 5 max \rightarrow 30 \rightarrow 5 max min Under 5 cycles.	 Contact resistance: 10mΩ MAX. Insulation resistance: 1000MΩ MIN. No damage, crack or looseness of parts. 	Х	_
DAMP HEAT (STEADY STATE)	Exposed at 40 ± 2 °c, 90 to 95 %, 96 h.	 Contact resistance: 10mΩ MAX. Insulation resistance: 500MΩ MIN. No damage, crack or looseness of parts. 	Х	_
RESISTANCE TO SOLDERING HEAT	1) Solder bath method Solder temperature: 260°C for Immersion,duration: 10 sec. 2) Manual soldering Soldering iron temperature: 350°C Soldering time: 3 sec. No strength on contact.	No deformation of case of excessive looseness of the terminals.	X	_
SOLDERABILITY	Soldered at solder temperature, 245°c for insertion duration, 5sec.	Solder shall cover a minimum of 95 % of the surface being immersed.	Х	_

Remarks

Note1: Include the temperature rising by current.

Note2: No condensing

Note3: Apply to the condition of long term storage for unused products before mount on pcb,

After mounted on pcb, operating temperature and humidity range is applied for interim storage during transportation.

Note4: Indicates the current that corresponds to the RTI value (temperature at which performance is halved) of the resin when the ambient temperature is 25°c.

Note	QT:Qu	ualification Test AT:Assurance Test X:Applicable Test	DRAWIN	IG NO.	ELC-163718-53-00		
H	25	SPECIFICATION SHEET	PART NO.	DF22-*P-7. 92DS (53)			
		HIROSE ELECTRIC CO., LTD.	CODE NO.		CL680	<u>^</u> 2/2	