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TEM	× × × × × ×	×
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(Thickness of FPC shall be t=0.30mm 5+0.07 × n N MIN (<i>note3</i>)	×	_
at initial condition.)		
(
ENVIRONMENTAL CHARACTERISTICS		
Corrosion salt mist Exposed at 35±2 °C, 5 % salt water spray for 96 h.	×	_
Rapid change of Temperature- $55 \rightarrow +15 \text{TO} +35 \rightarrow +85 \rightarrow +15 \text{TO} +35 ^{\circ}\text{C}$ ① Contact resistance: 100 m Ω MAX.	×	_
temperature Time $30 \rightarrow 2 \text{ to } 3 \rightarrow 30 \rightarrow 2 \text{ to } 3 \text{ min}$ 2 Insulation resistance: $50 \text{ M}\Omega \text{ MIN}$.		. [
Under 5 cycles. Damp heat Exposed at 40±2 °C. 3 No damage, crack and looseness of parts.		
Damp heat Exposed at 40±2 °C, (steady state) Relative humidity 90 to 95 %, 96 h.	×	_
Damp heat,cyclic Exposed at -10 to +65 °c, ① Contact resistance: 100 mΩ MAX.	×	_
Relative humidity 90 to 96 %, (2) Insulation resistance: 1 MΩ MIN.		
10 cycles, TOTAL 240 h. (At high humidity) (3) Insulation resistance: 50 MΩ MIN.		
(At dry)		
No damage, crack and looseness of parts		
COUNT DESCRIPTION OF REVISIONS DESIGNED CHECKED	DA ⁻	TE
3 DIS-F-00010250 SE. YOKOYAMA HY. YAMAZAKI	20210713	
REMARK APPROVED NF. MIYAZAKI	2017	0404
CHECKED YN. TAKASHITA	2017	
DESIGNED HH. MURAKAMI	2017	0404
Unless otherwise specified, refer to IEC 60512. DRAWN HH. MURAKAMI	20170	0404
Note QT:Qualification Test AT:Assurance Test X:Applicable Test DRAWING NO. ELC-368163-10		
SPECIFICATION SHEET PART NO. FH62-**S-0. 25SHW (10	<u> </u>	
HIROSE ELECTRIC CO., LTD. CODE NO. CL580		1/2

SPECIFICATIONS									
ITEM	ITEM TEST METHOD REQUIREMENTS		QT	АТ					
Dry heat	Exposed at 85±2°C, 96 h.	① Contact resistance: 100 mΩ MAX.	×	_					
Cold	Exposed at -55±3°C, 96 h.	② No damage, crack and looseness of parts	×	_					
Sulphur dioxide [JIS C 60068-2-42]	Exposed at 40 ± 2 °C, Relative humidity $80\pm5\%$ 25 ± 5 ppm for 96 h.	① Contact resistance: 100 mΩ MAX.	×	_					
Hydrogen sulphide [JIS C 60068-2-43]	Exposed at 40 ± 2 °C, Relative humidity $80\pm5\%$, 10 to 15 ppm for 96 h.		×	_					
Solderability	Soldered at solder temperature, 245±3°C for immersion duration,3±0.3 sec. A new uniform coating of solder shall cover minimum of 95 % of the surface being immersed.		×	-					
Resistance to soldering heat	1) Reflow soldering: Peak TMP. 250 °C MAX. Reflow TMP. over 220 °C 60 to 90 sec. Number of reflow: 2 times 2) Soldering irons: TMP. 350±10 °C for 5±1 sec.	No deformation of case of excessive looseness of the terminals. (note 4)	×	1					

(note 1)

This product features top-contact point.

"One Action Lock" completes FPC lock just by inserting the FPC.

Do not operate the locking-lever when inserting the FPC.

(note 2)

Do not insert the FPC to this product at an angle.

(note 3)



There's a case which FPC retention force doesn't fulfill the value, because FPC specification affects the result of FPC retention force.

Stabilize the FPC to PCB or something fixed, if pull-up or pull-down force is exepected to be applied to the FPC.

(note 4)

Blisters which may be generated on the housing do not affect product performance.

Note QT:Q	ualification Test AT:Assurance Test X:Applicable Test	DRAWING NO.		ELC-368163-10-01		
HS	SPECIFICATION SHEET	PART NO.	FH62-**S-0. 25SHW(10)			
	HIROSE ELECTRIC CO., LTD.	CODE NO		CL580	A	2/2