Electric characteristics Contact resistance: 100 m A (DC or 1000 Hz). 30 m \text{ MAX} X Insulation resistance: 100 V DC. 500 McM MIN. X Wortgage proof 500 V AC for 1 min. No flashover or breakdown. X Mechanical characteristics Mechanical characteristics Mechanical peration 30 fines insertions and extractions. 2 No damage, crack or looseness of parts. X Vibration Frequency 10 to 55 Hz. single amplitude 0.75 min. at 2 h, for 3 directions. 2 No damage, crack or looseness of parts. X Shock 490 m/s² duration of pulse 11 ms at 3 times for 3 directions 2 No damage, crack or looseness of parts. X Environmental characteristics Environmental characteristics Rapid change of time 30 - 1 to 15 - 30 - 10 to 15 min. 2 No damage, crack or looseness of parts. X Shock Exposed at 40 ± 2° c, 90 to 95 %, 96 h. 2 No damage, crack or looseness of parts. X Seasistance to soldering 1 Reflow soldering Reflow are 2 Soc 2 No damage, crack or looseness of parts. X Sileady state) No deformation of case of excessive looseness of parts. X Insulation resistance: 30m \(\Omega \text{ MX} \) No damage, crack or looseness of parts. X Insulation resistance: 30m \(\Omega \text{ MX} \) No damage, crack or looseness of parts. X Insulation resistance: 30m \(\Omega \text{ MX} \) No damage, crack or looseness of parts. X Insulation resistance: 500 Mti Min. X Insulation resistance: 50	Applicable	e standard								
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temperature Time 30 10 to 15 → 30 → 10 to 15 min. Under 5 cycles: Damp heat (Steady State) Exposed at 40 ± 2°c, 90 to 95 %, 96 h.						<u>'</u>				
Under 5 cycles Exposed at 40 ± 2°c, 99 to 95 %, 96 h.										
Seed at the content of the terminals 1) Reflow soldering (Reflow area 250°C MAX 10 sec MAX 230°C MIN 60 sec MAX 230°C MIN 60 sec MAX 230°C MIN 60 sec to 120 sec Put through in reflow furnace twice, leave in ambient temperature and humidity for 1 hour. 2) Manual soldering Soldering iron temperature :350°C, Soldering iron temperature :350°C, Soldering iron temperature :350°C, Soldering iron temperature, Solder shall cover a minimum of 3245°c for insertion duration, 3sec. 95 % of the surface being immersed. X - Remarks Note :1:Include the temperature rising by current. Note :2:No condensing Note :2:No condensing Note :3:Apply to the condition of long term storage for unused products before pcb on board, after pcb on board, operating temperature and humidity range is applied for interim storage during transportation. Unless otherwise specific, refer to IEC 60512. Count Description of revisions Designed Checked Date Checked TS. FLKUSHIMA 16, 10, 21 Designed YK. YAMAGUCHI 16, 10, 21 Drawn YK. YAMAGUCH	u		Under 5 d	Under 5 cycles.			1-			_
Approved Hs. Okawa (Seffow area) Reflow area 250°C MAX 10 sec MAX 230°C MIN 60 sec MAX 230°C MIN 230°C MIN 245°C for insertion duration, 3sec. 350°C			Exposed	Exposed at 40 ± 2 °c, 90 to 95 %, 96 h.					X	_
250°C MAX	Resistance to soldering		1) Reflow	1) Reflow soldering			No deformation of case of excessive looseness			
Remarks Note 1:Include the temperature rising by current. Note 2:No condensing Note 3:Apply to the condition of long term storage for unused products before pcb on board, after pcb on board, operating temperature and humidity range is applied for interim storage during transportation. Unless otherwise specifid, refer to IEC 60512. Count Description of revisions Designed Checked Date Approved HS. OKAWA 16. 10. 21 Checked TS. FUKUSHIMA 16. 10. 21 Checked TS. FUKUSHIMA 16. 10. 21 Designed VK. YAMAGUCHI 16. 10. 21 Drawn YK. YAMAGUCHI 16. 10. 21 Drawn YK. YAMAGUCHI 16. 10. 21 Drawn SPECIFICATION SHEET Part No. DF13A-*P-1. 25H (20) HIROSE ELECTRIC CO., LTD. Code No. CL536	illeat		250°C 230°C « Preh 170°C Put ti leave humi 2) Manua Solderi Solderi	C MAX 10 sec MAX C MIN 60 sec MAX eating area ≫ C to 190°C 60 sec to 120 sec through in reflow furnace twice, a in ambient temperature and dity for 1 hour. Il soldering ng iron temperature :350°C, ng time : 3sec.		of the te	arrillias.			
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