

2-12 Position, FASTIN-FASTON* TAB Housing, RAST 5

1. INTRODUCTION

Purpose

This document summarizes testing activity performed on the subject TE Product and establishes its resistance to heat and fire.

Scope

This report covers the performance to the Glow wire test of the subject product as per IEC 60695-2-11 according to IEC 60335-1.

Conclusion

FASTIN-FASTON* TAB Housings, RAST 5 passes the glow wire test at 750°C without flame generation. Reference Test Reports No. 04/051, 04/019, 04/047, 05/015, 04/076, 04/077, 05/041, 03/09.

Product description

FASTIN-FASTON* TAB Housing Connectors according to RAST 5.0 mm Standard have been developed to connect RAST 5 components (like motors, leach pumps, water level regulators, relays and push-button switches) in the Household Appliance Industry.

They are multiple positions connectors, secure connection, different keying and locking versions from 2 to 12 positions. Housings can be loaded with FASTIN-FASTON* TAB Contact 6.3x0.8 versions.

Material

Material used for Housings are:

PA6 Unfilled, flame retardant, incandescent wire test without flame. TE Internal Number 705304-1.

rev letter	rev. record	DR	Date	CHK	Date
B1	ADDED PART	H.Y.	18 DEC 2008	D.M.	18 DEC 2008
B	ADDED PART	H.Y.	11 JUN 2008	D.M.	11 JUN 2008
A4	ADDED PART	H.Y.	04 DEC 2007	D.M.	04 DEC 2007
A3	ADDED PART	H.Y.	14 JUN 2007	D.M.	14 JUN 2007
A2	ADDED PART	H.Y.	07 JUL 2006	D.M.	07 JUL 2006
A1	ADDED PART	H.Y.	30 MAY 2006	D.M.	30 MAY 2006
A	FIRST EMISSION	H.Y.	23 JUNE 2005	D.M.	23 JUNE 2005

DR.	DATE	APVD	DATE
H. Yaali	16 JUNE 2005	D. Motta	16 JUNE 2005

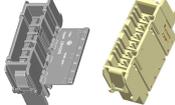
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Test samples

Test samples were randomly selected from normal current production lots, and the following Part Numbers were used for test:

POS. No.	P/N.s list	Shape
2	9-927742-2, 293035-2	
3	293008-1	
4	9-927742-4, 293009-1	
5	9-1241857-5, 293010-1, 293011-1, 5-964492-5	
6	7-927742-6, 5-1241967-6	
7	284985-1, 293034-1, 293044-1, 293223-1, 293267-1, 5-1241967-7	
8	284986-1, 293012-1, 293043-1, 5-1241967-8, 6-1241967-8, 5-1241969-8, 284861-1, 293346-1	
9	293033-1	
10	1-1241968-5	

2. TEST DESCRIPTION

Test parameters

- Subject the FASTIN-FASTON* TAB Housings, fully loaded with FASTIN-FASTON* TAB Contacts to the glow tip at the positions indicated in Fig. 1.
- Test temperature is 750°C.
- No flame must develop. (A flame might appear for 1-2 sec. When glow wire touch the specimen).
- The wood under layer of the tissue paper must never start to burn when in touch with the melt material drops.

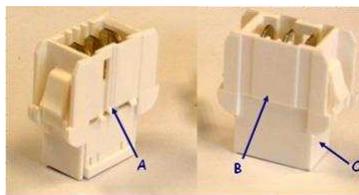


Fig. 1

Test method

Thermal stabilization of specimens: 24h at 15-35°C and 45-75% U.R. The extremity of the wire is positioned horizontally and brought into contact with the sample with a force of between 0.8 and 1.2 N for a period of 30 +/- sec.

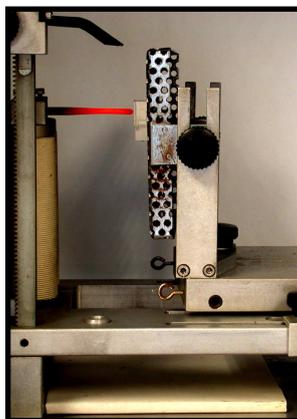


Fig. 2