

## Product Change Notification

<b>PCN Tracking Number:</b>	RLPCN112601
<b>Product Category:</b>	Electromechanical Automotive Relays
<b>Affected Products:</b>	FTR-P6, FBR51, FBR51L, FBR52 , FBR53, FTR-G1, FBR520 series
<b>Date:</b>	27 June, 2011

### **Change description:**

Change of sealing adhesive material as currently used for the sealing hole of the relays.

### **Part numbers:**

See list of relay part numbers on page 4 and 5.

### **Change details:**

The tiny amount of sealing adhesive, as is used to seal the sealing hole of the relay during production is changed to different colored sealing material. This transparent sealing material is already used on other type of automotive relays, like some FBR53ND(xx)-Y-HW types (See details of change below and in the pictures on page 2 and 3

<b>Current</b>	<b>After change</b>
Blue colored sealing, See attached pictures	Transparent sealing. See attached pictures.

### **Reason for change:**

Unification into one single type of sealing material.

### **Anticipated impact:**

No change to mechanical / electrical parameters of the relays. No change for the standard recommended standard reflow solder conditions.

### **Start of implementation:**

Estimated as per September 2011 production.

### **Customer response:**

Please send your comments, requests for additional information or support to your Fujitsu account manager.

### **Disclosure information:**

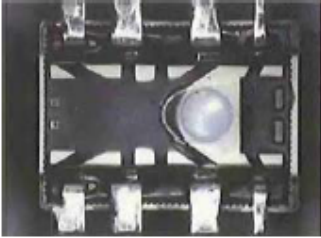
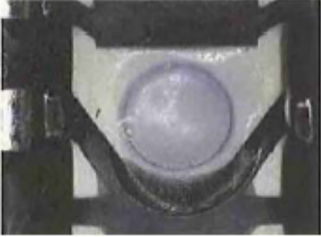

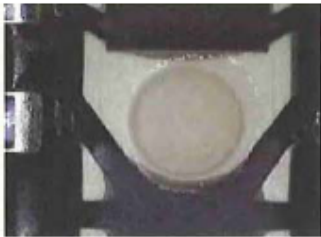








None of this information shall be disclosed or forwarded to other suppliers or distributed outside your company, without approval from Fujitsu Components Europe B.V. Distributors are advised to forward this PCN to their customers who are buying on ore more of the listed relays.

*This Change notification will also be available on <https://extranet.fceu.fujitsu.com>*

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**Relay pictures before and after change**

	[Current]	[after change]
<p>FTR-P6</p> <p>    【bottom view】</p> <p>    【magnification of sealing point】</p>	 	 
<p>FBR51,52</p> <p>    【bottom view】</p> <p>    【magnification of sealing point】</p>	 	 
<p>FBR53(standard)</p> <p>    【bottom view】</p> <p>    【magnification of sealing point】</p>	 	 

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Relay pictures before and after change (cont'd)

	[Current]	[After change]
<p>FTR-G1</p> <p>【Top view】</p> <p>【magnification of sealing point】</p>	 	 
<p>FBR510,520</p> <p>【bottom view】</p> <p>【magnification of sealing point】</p>	 	 
<p>FBR51L</p> <p>【bottom view】</p> <p>【magnification of sealing point】</p>	 	 

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## List of part numbers.

FTR-P6GN009WA	FBR51ND10-W1-DF-LF	FBR51ND12-W25
FTR-P6GN010WA	FBR51ND10-W1-HT	FBR51ND12-WF
FTR-P6GN010Y1	FBR51ND10-W1-HT-LF	FBR51ND12-WF-LF
FTR-P6GN010Y1-HT	FBR51ND10-W1-LF	FBR51ND12-WL
FTR-P6GN012WA	FBR51ND10-W1-LF-M	FBR51ND12-WL-LF
FTR-P6GN012WA-YZ	FBR51ND10-W1-M	FBR51ND12-Y
FTR-P6GN012WR	FBR51ND10-W1-RW-LF	FBR51NL210-W1
FTR-P6GN012Y1	FBR51ND10-W1-S	FBR51NL210-W1-RW
FBR51ND06-N	FBR51ND10-W1-SA	FBR52ND06-N
FBR51ND06-W	FBR51ND10-W1-SA-3	FBR52ND06-W
FBR51ND06-W-LF	FBR51ND10-W1-SA-LF	FBR52ND06-W1
FBR51ND06-W1	FBR51ND10-W1-SA-T1	FBR52ND09-N
FBR51ND06-W1-LF	FBR51ND10-W1-T1	FBR52ND09-W
FBR51ND06-WL	FBR51ND10-WF	FBR52ND09-W1
FBR51ND09-E-PA	FBR51ND10-WF-LF	FBR52ND10-N
FBR51ND09-N	FBR51ND10-WF-SA	FBR52ND10-W1
FBR51ND09-N-T	FBR51ND10-WF-SA-LF	FBR52ND12-N
FBR51ND09-W	FBR51ND10-WL	FBR52ND12-N-LF
FBR51ND09-W-LF	FBR51ND10-WL-DF-LF	FBR52ND12-W
FBR51ND09-W-T	FBR51ND10-WL-DL	FBR52ND12-W-D
FBR51ND09-W-T1	FBR51ND10-WL-DL-LF	FBR52ND12-W-D-LF
FBR51ND09-W1	FBR51ND10-WL-LF	FBR52ND12-W-LF
FBR51ND09-W1-LF	FBR51ND10-Y06	FBR52ND12-W1
FBR51ND09-W1-PA	FBR51ND12-N	FBR52ND12-W1-D
FBR51ND09-W1-T1	FBR51ND12-N-H	FBR52ND12-W1-LF
FBR51ND09-W1/23-SA	FBR51ND12-N-LF	FBR52ND12-W20
FBR51ND09-WF	FBR51ND12-N-T1	FBR52ND12-W20-LF
FBR51ND09-WF-T	FBR51ND12-W	FBR52ND12-W20-X
FBR51ND09-WL	FBR51ND12-W-DF	FBR52ND12-WF-LF
FBR51ND09-Y	FBR51ND12-W-DL	FBR52ND12-Y
FBR51ND09-Y-T1	FBR51ND12-W-H	FBR52ND12-Y-D
FBR51ND10-N	FBR51ND12-W-H-LF	FBR52ND12-Y-LF
FBR51ND10-N-H	FBR51ND12-W-LF	FBR52ND24-W
FBR51ND10-N-SA	FBR51ND12-W-T	FBR52ND24-W-LF
FBR51ND10-W	FBR51ND12-W-T1	FBR52ND24-W05
FBR51ND10-W-H	FBR51ND12-W1	FBR52ND24-W05-LF
FBR51ND10-W-LF	FBR51ND12-W1-DL	FBR54ND12-W01
FBR51ND10-W-NISSAN	FBR51ND12-W1-H	FBR54ND12-W01-LF
FBR51ND10-W-NISSAN-T1	FBR51ND12-W1-LF	FBR54ND12-W01-T1
FBR51ND10-W-SA	FBR51ND12-W1-T1	FBR52ND12-W1-LF
FBR51ND10-W-SA-3	FBR51ND12-W21	FBR53GN10-Y
FBR51ND10-W-SA-LF	FBR51ND12-W21-P	FBR53GN10-Y-T1
FBR51ND10-W1	FBR51ND12-W22	FBR53ND07-Y-HW-SMD-T1
FBR51ND10-W1-DF	FBR51ND12-W24	FBR53ND09-T-T1

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FBR53ND09-Y-05-T1	FTR-G1CN010W1	FBR512ND10-WL26-SA
FBR53ND09-Y-HW	FTR-G1CN012W1	FBR512ND10-WR
FBR53ND09-Y-HW-LF-T1	FTR-G1CN012WA	FBR512ND12-N
FBR53ND09-Y-HW-T1	FBR512ND06-W	FBR512ND12-W
FBR53ND09-Y-LF	FBR512ND09-N	FBR512ND12-W-DL
FBR53ND09-Y-PA	FBR512ND09-W	FBR512ND12-W-DL-T1
FBR53ND09-Y-T1	FBR512ND09-W-T1	FBR512ND12-W-LF
FBR53ND10-Y	FBR512ND09-W1	FBR512ND12-W-LF-T1
FBR53ND10-Y-05-T1	FBR512ND09-W1-LF	FBR512ND12-W-T
FBR53ND10-Y-CNCL-CHRG	FBR512ND09-W1-LF-T1	FBR512ND12-W-T1
FBR53ND10-Y-DF-T1	FBR512ND09-W1-T1	FBR512ND12-W1
FBR53ND10-Y-HE	FBR512ND09-W1/12-SA	FBR512ND12-W1-LF
FBR53ND10-Y-HT-LF	FBR512ND09-Y	FBR512ND12-W1-LF-T1
FBR53ND10-Y-HW	FBR512ND10-N	FBR512ND12-W1-T1
FBR53ND10-Y-HW-LF	FBR512ND10-N-LF-T1	FBR512ND12-WF
FBR53ND10-Y-HW-LF-T1	FBR512ND10-N-SA	FBR512ND12-WL
FBR53ND10-Y-HW-SMD-T1	FBR512ND10-N-SA-T1	FBR512ND12-WR
FBR53ND10-Y-HW-T1	FBR512ND10-N-T1	FBR512NS10-N-T1
FBR53ND10-Y-HW-T1-S	FBR512ND10-W	FBR522ND09-W
FBR53ND10-Y-LF	FBR512ND10-W-DL	FBR522ND09-W-T1
FBR53ND10-Y-LF-T1	FBR512ND10-W-DL-T1	FBR522ND10-W
FBR53ND10-Y-T1	FBR512ND10-W-NISSAN	FBR522ND10-W-LF
FBR53ND10-Y-T1-LF	FBR512ND10-W-NISSAN-T1	FBR522ND10-W-T1
FBR53ND10-Y1	FBR512ND10-W-T1	FBR522ND10-W1
FBR53ND10-Y1-LF	FBR512ND10-W1	FBR522ND12-W
FBR53ND12-Y	FBR512ND10-W1-DF	FBR522ND12-W-LF
FBR53ND12-Y-05	FBR512ND10-W1-DL	FBR522ND12-W-LF-T1
FBR53ND12-Y-05-T1	FBR512ND10-W1-DL-T1	FBR522ND12-W-T1
FBR53ND12-Y-HW	FBR512ND10-W1-LF-T1	FBR522ND12-W1
FBR53ND12-Y-HW-LF	FBR512ND10-W1-SA	FBR522ND12-W1-LF
FBR53ND12-Y-HW-LF-S	FBR512ND10-W1-SA-LF	FBR522ND24-W
FBR53ND12-Y-HW-LF-T1	FBR512ND10-W1-SA-LF-T1	FBR522ND24-W-LF
FBR53ND12-Y-HW-MX	FBR512ND10-W1-SA-T1	
FBR53ND12-Y-HW-T1	FBR512ND10-W1-T1	
FBR53ND12-Y-LF	FBR512ND10-W1/27	
FBR53ND12-Y-LF-T1	FBR512ND10-W1/27-T1	
FBR53ND12-Y-T1	FBR512ND10-WF	
FBR53ND10-Y-F	FBR512ND10-WF-LF-T1	
FBR53ND12-Y-F	FBR512ND10-WF-SA	
FBR53ND12-Y-LF-F	FBR512ND10-WF-SA-LF	
FTR-E1CN010WA	FBR512ND10-WF-SA-T1	
FTR-E1CN012WA	FBR512ND10-WF-T1	
FTR-G1CN009W1	FBR512ND10-WL-SA	
FTR-G1CN009WA	FBR512ND10-WL26	