



Product Change Notification

Product Line:	B Series	Part No:	NC3F/MB*
Piece Part:		Part No:	
Engineering Change Request:		Date:	
Engineering Change Execution:		Date:	June 2011
Comments:	New connector design		

Affected products:	Changed versions: NC3FBH1, NC3FBH1-D, NC3FBH1-B, NC3FBH1-B-D, NC3FBH1-0 NC3FBH1-0-B NC3FBH2, NC3FBH2-D, NC3FBH2-B, NC3FBH2-B-D, NC3FBH2-0 NC3FBH2-0-B NC3FBV1, NC3FBV1-D, NC3FBV1-B, NC3FBV1-B-D, NC3FBV1-0 NC3FBV2, NC3FBV2-D, NC3FBV2-B, NC3FBV2-B-D, NC3FBV2-0 NC3MBH, NC3MBH-B, NC3MBV, NC3MBV-B Discontinued versions: (immediately when new versions are available) NC3FBH1-M25, NC3FBH1-M25-D, NC3FBH2-M25, NC3FBH2-M25 NC3FBV1-M25, NC3FBV1-0-M25 NC3MBH-M25, NC3MBH-B-M25, NC3MBH-M25, NC3MBV-M25, NC3MBV-B-M25 Remaining versions: (until end of 2011) NC3FBHL*, NC3FBHR*, NC3MBHL*, NC3MBHR*, NC3*-E Phase-out versions: (as long quantities last) NC3FBL*, NC3FBL*
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First Shipment of Modified Product:	Late summer 2011, exact date code will be provided on time
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Engineering Change Notice

The life cycle of the molding tools have exceeded the phase of maturity and reached almost death. Therefore market feedbacks and comments as well drawbacks are taken into consideration in the design of the new tools. The new design features following modifications and improvements:



- **New housing design:**

Metal ring and plastic housing optimized for best workability. Plastic material remain polyamide PA6.6 30%GR with flammability rating UL94V-0. Metal ring in the same design as BA Series and 4, 5 pole B Series.



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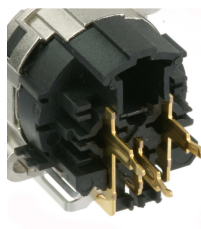
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- **New contact design:**

"Tulip" type female contact, same as used in A and AA Series. Selective gold plated contact and pcb termination area for best conductivity and solderability. Tear drop design of female versions are rotated by 90° like on A and AA Series (see below picture). Existing pcb footprint fits accurately the new design.

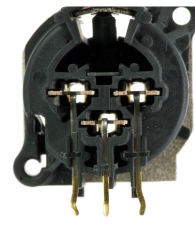


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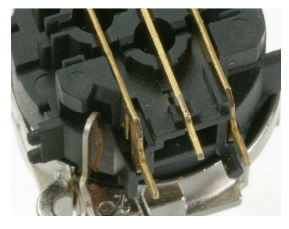


V - Version

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H - Version

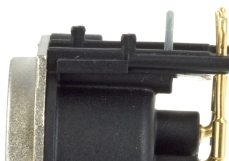
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- **New fastening:**

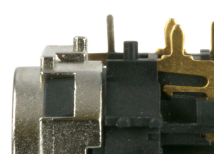
Fastening hardware remain the same Taptite screw M2.5x8mm (B-Screw-1-8). However the thread is no more cut into the metal ring but into the plastic housing. The screw hole is designed in a way that any standard metric Taptite screw size M2.5mm, pitch 0.45 according DIN 7500C (UNI 8112) can be used. The M25 versions are discontinued as now the B-screw can be screwed in easily with standard torque of 0.4Nm. Kindly note that Taptite screws feature also a Trilobular™ body shape.

- **New location pin shape**

The cylindrical shape of the location pins is changed to a press-fit design for easy placing on pcb and proper fixing. The press-fit shape is the same design as on the A Series.



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- Panel cut-out and pcb layout are not changed and remain the same.

- All part numbers remain the same. After the first shipment of the new version only new items will be supplied. No stock will be maintained of the old version.