



Product Change Notification

Product Line:	5 pole A Series	Part No:	NC5F/MA*
Piece Part:		Part No:	
Engineering Change Request:		Date:	
Engineering Change Execution:		Date:	April 30, 2012
Comments:	New connector design		

Affected products:	Changed versions: NC5FAH, NC5FAH-D, NC5FAH-0 NC5FAV, NC5FAV-D NC5MAH, NC5MAV Remaining versions: NC5FAV-SW, NC5FAV-SW-D, NC5MAV-SW
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First Shipment of Modified Product:	Spring 2012, exact date code will be provided on time
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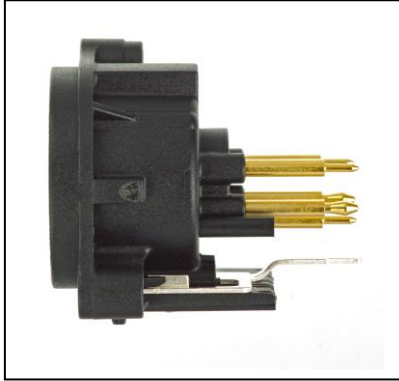
Engineering Change Notice

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:**

Plastic housing optimized for best workability. Plastic material remain polyamide PA6.6 30%GR with flammability rating UL94HB.



NEW

NC5MAV



OLD



NEW

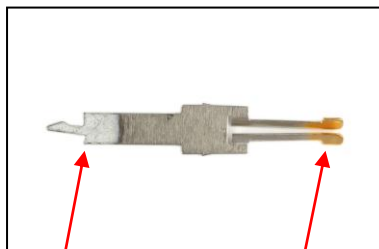
NC5FA*



OLD

- **New female contact design:**

Contact design remain fork type. Plating adapted by selective gold plating of contact area and tin plated pcb termination area for best conductivity and solderability. Tear drop design and pcb footprint remains unchanged



tin plating

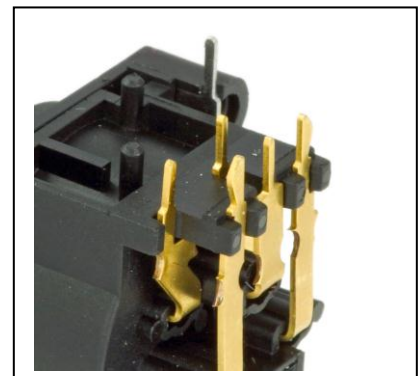
gold plating

NEW Plating



NEW

Termination Side

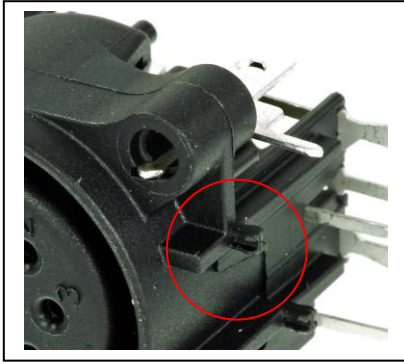


OLD



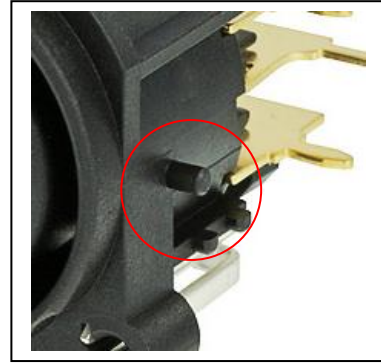
- **New location pin:**

The cylindrical pin shape is replaced by the press-fit design like on the A- and B-series. The pcb layout is not changed and remain the same. Existing pcb's can be further used.

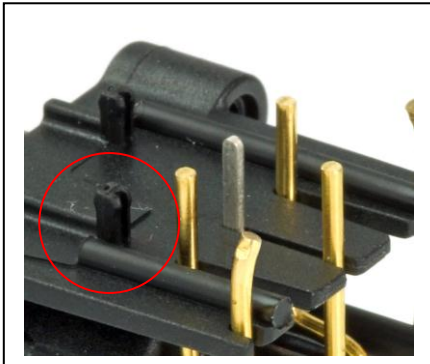


NEW

Female

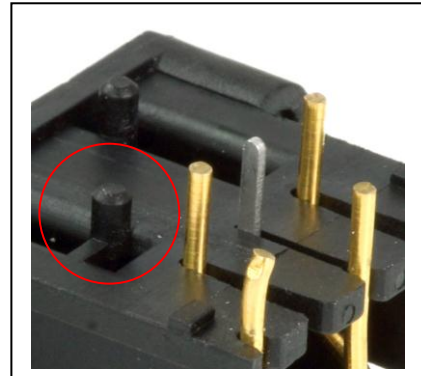


OLD



NEW

Male



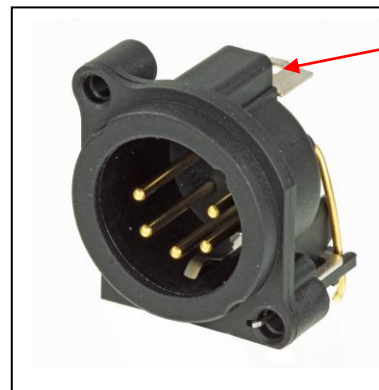
OLD

- **Male locking element:**

Locking element incorporated into the plastic housing instead of metal piece. Locking force greater than 200N.



NEW



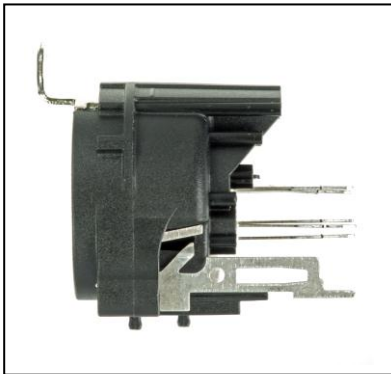
OLD

replaced as described above



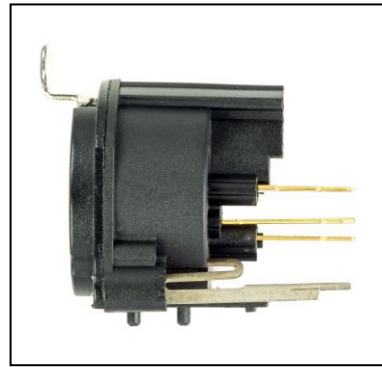
- **New female ground contact design:**

Ground contact design similar to the shape of ground #2 of A, B and A-combo series.

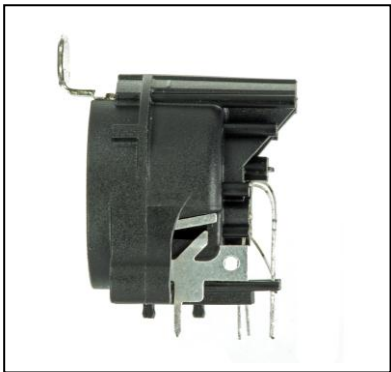


NEW

NC5FAV

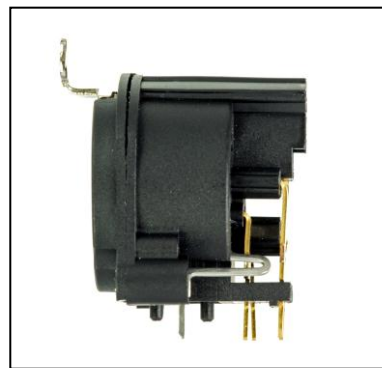


OLD



NEW

NC5FAH



OLD

- Panel cut-out and pcb layout stay the same.
- Fastening hardware remains the same Plastite thread forming screw type Neutrik A-screw-1-8. The nominal size of the screw must be 2.63mm or #3. For further details please refer to product news 04/2011.
- Color coding is no longer possible as ACRF and ACRM rings can no more be assembled.
- Removal tool for Push latch is no more included in delivery.
- 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.