

Product Name:	HPL - 356	
	AC Whip	
Product Manager:	Vidisha Gupta, Karen Hsieh	
Subject:	Notification of Change with Immediate Effectivity	
Distribution:	Affected customers	
Type of Change:	Materials Change	
Change Description:	The NEMA connector purchased from the external Supplier (L22-30P) is being replaced with the in-house developed NEMA connector(10180427-L22-30P) in the finished goods of the AC whip family of 30A. As part of this change, the contact finish has been updated from unplated brass to nickel-plated brass. The nickel plating has been introduced to prevent discoloration and improve the long-term appearance of the contacts. This is a visual change only and does not affect the form, fit, or function of the product.  a) Bare brass metal contact with no plating  a) Brass metal contacts are plated with nickel	
Reason for Change:	This change is being implemented to strengthen supply chain continuity and improve lead-time performance.	
Affected Parts:	See Affected Parts.xls file	
Effective Date of Change:	July,30 2026	
Last Time Buy Date:	NA	
Earliest Disty Return Date:	NA	
Last Time Shipment Date	NA	
Datasheet Attached?	Yes	
Qual/Test Data Attached?	Yes	
Samples Availability Date:	17 July ,2026	
Available Alternatives?		
Questions?	Contact your local ACS Representative, or Product Manager Vidisha Gupta, Karen Hsieh / Product Manager Vidisha.Gupta@amphenol-fci.com; Karen.Hsieh@amphenol-fci.com	

Note:

Customers should contact Product Line Manager (or their local Amphenol Representative) directly regarding any concern on the PCN. Lack of any such customer feedback within three weeks of PCN release date will be interpreted as non-objection .

In-House NEMA Connector

AC whip family of 30A

17th JUL 2026

Rev 01



Engineering Change Notification Product : Switch to In-House NEMA Connector

Site CCB No/Global PCN No : COK-035-26

Implementation Date : 17th JUL 2026

BEFORE



a) Bare brass metal contact with no plating

AFTER



a) Brass metal contacts are plated with nickel

Engineering Change Notification Product : Switch to In-House NEMA Connector



Change

- Replaced the externally sourced **L22-30P NEMA connector** with the **in-house NEMA connector (P/N: 10180427-L22-30P)**.
- Updated the contact finish from **unplated brass** to **nickel-plated brass**.

Reason

- Improves supply chain continuity and reduces lead time.
- Nickel plating prevents discoloration, improves corrosion resistance, and maintains reliable electrical contact.

Impact

- Visual change only.
- No impact on Form, Fit, or Function.

Thank You



PCN Reference	MPN	Change	Effective Date
PCN26117	10178160-C7A301	MATERIALS CHANGE	JULY 30, 2026
PCN26117	10178160-C7A303	MATERIALS CHANGE	JULY 30, 2026
PCN26117	10178160-C7A304	MATERIALS CHANGE	JULY 30, 2026
PCN26117	10178161-47A301	MATERIALS CHANGE	JULY 30, 2026
PCN26117	10178161-47A302	MATERIALS CHANGE	JULY 30, 2026
PCN26117	10178161-C7A302	MATERIALS CHANGE	JULY 30, 2026
PCN26117	10178161-C7A304	MATERIALS CHANGE	JULY 30, 2026
PCN26117	10185057-65AD04	MATERIALS CHANGE	JULY 30, 2026
PCN26117	10185057-65AD06	MATERIALS CHANGE	JULY 30, 2026
PCN26117	10170774-678301	MATERIALS CHANGE	JULY 30, 2026
PCN26117	10178161-47A303	MATERIALS CHANGE	JULY 30, 2026
PCN26117	10178161-47A304	MATERIALS CHANGE	JULY 30, 2026
PCN26117	10178161-C7A301	MATERIALS CHANGE	JULY 30, 2026
PCN26117	10178161-C7A303	MATERIALS CHANGE	JULY 30, 2026
PCN26117	10185057-65AD01	MATERIALS CHANGE	JULY 30, 2026
PCN26117	10185057-65AD02	MATERIALS CHANGE	JULY 30, 2026
PCN26117	10185057-65AD03	MATERIALS CHANGE	JULY 30, 2026
PCN26117	10185057-65AD05	MATERIALS CHANGE	JULY 30, 2026
PCN26117	10192932-C5AD01	MATERIALS CHANGE	JULY 30, 2026
PCN26117	10192932-C5AD02	MATERIALS CHANGE	JULY 30, 2026
PCN26117	10192932-C5AD03	MATERIALS CHANGE	JULY 30, 2026
PCN26117	10192932-C5AD04	MATERIALS CHANGE	JULY 30, 2026

Last Disty Return date	Last Shipment date	Alternative Parts	Product Family
			356-1NFF-FEMALE CRIMP CABLE ASSEMBLY
			356-1NFF-FEMALE CRIMP CABLE ASSEMBLY
			356-1NFF-FEMALE CRIMP CABLE ASSEMBLY
			578-5NNF-BERGSTIK R/A
			578-5NNF-BERGSTIK R/A
			356-1NFF-FEMALE CRIMP CABLE ASSEMBLY
			356-1NFF-FEMALE CRIMP CABLE ASSEMBLY
			356-1NFF-FEMALE CRIMP CABLE ASSEMBLY
			356-1NFF-FEMALE CRIMP CABLE ASSEMBLY
			356-1NFF-FEMALE CRIMP CABLE ASSEMBLY
			356-1NFF-FEMALE CRIMP CABLE ASSEMBLY
			356-1NFF-FEMALE CRIMP CABLE ASSEMBLY
			356-1NFF-FEMALE CRIMP CABLE ASSEMBLY

Primary MU	Product Manager	Status
4950-49560	JISMY.SCARIA@AMPHEND	PRE-PRODUCTION
4950-49560	JISMY.SCARIA@AMPHEND	PRE-PRODUCTION
4950-49560	JISMY.SCARIA@AMPHEND	PRE-PRODUCTION
4950-49550	MEDERIC.SORNAY@AMPH	PRE-PRODUCTION
4950-49550	MEDERIC.SORNAY@AMPH	PRE-PRODUCTION
-	JISMY.SCARIA@AMPHEND	KILLED
-	JISMY.SCARIA@AMPHEND	KILLED
4950-49560	JISMY.SCARIA@AMPHEND	PRE-PRODUCTION
4950-49560	JISMY.SCARIA@AMPHEND	PRE-PRODUCTION
4950-49560	JISMY.SCARIA@AMPHEND	PRE-PRODUCTION
4950-49560	JISMY.SCARIA@AMPHEND	PRE-PRODUCTION
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4950-49560	JISMY.SCARIA@AMPHEND	PRE-PRODUCTION