

Product/Process Change Notifications



PCN - 21 112

Amphenol Information Communication and Commercial Products Group
www.amphenol-icc.com

Release Date: October 01 2021

Product Name:	Minitek 3.0 Right Angle BMI Header		
	Right Angle		
Product Manager:	Jithin George		
Subject:	Notification of Change with Immediate Effectivity		
Distribution:	Affected Customers		
Type of Change:	Documentation Change		
Change Description:	Revision of product drawing		
Reason for Change:	Product drawing is revised to modify part number logic and addition of dimension in the drawing of Minitek 3.0 Right Angle BMI Header		
Affected Parts:	See the attachment Part Number list		
Effective Date of Change:	October 1, 2021		
Last Time Buy Date:	NA		
Last Disty Return Date:	NA		
Last Time Shipment Date	NA		
Datasheet Attached?	No		
Qual/Test Data Attached?	No		
Samples Availability Date:	October	01	2021
Available Alternatives?	Select		
Questions?	<i>Contact your local AICC Representative, or Product Manager</i>		
	<i>Jithin George</i>		
	<i>+91 (484) 3391945 / Jithin.George@fci.com</i>		

Note:
 Customers should contact Product Manager (or their local AICC 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 .

Engineering Change Notification

Product: Minitek 3.0 Right Angle BMI Header



Site CCB No./Global PCN No.

Before Change

NOTE:

- MATERIAL SPECIFICATION:
 - INSULATION: LCP UL 94V-0, BLACK
 - CONTACT: COPPER ALLOY
- OPERATION VOLTAGE: 250V rms.
- PART NUMBER SCHEME:
10144754- XX X X LF

NO OF POS. 04~24

PLATING

1: 80u" TIN OVER ALL
2: GOLD FLASH OVER ALL

3: 15u" GOLD PLATED ON CONTACT AREA
TIN PLATED ON SOLDER TAIL

4: 30u" GOLD PLATED ON CONTACT AREA
TIN PLATED ON SOLDER TAIL

5: 200u" TIN OVER ALL

4. OPERATING TEMPERATURE: -40°C to +105°C

5. THE HOUSING CAN WITHSTAND EXPOSURE TO 260°C
PEAK TEMPERATURE 10 SECONDS IN A REFLOW OVEN.

6. PRODUCT SPEC: GS-12-1177.

7. PACKAGING SPEC: GS-14-2359.

HSG MATERIAL
1: LCP, GLOW WIRE COMPATIBLE

LEAD FREE

After Change

NOTE:

- MATERIAL SPECIFICATION:
 - INSULATION: LCP UL 94V-0, BLACK, HALOGEN FREE
 - CONTACT: COPPER ALLOY
- OPERATION VOLTAGE: 250V rms.
- PART NUMBER SCHEME:
10144754- XX X X X X X

NO OF POS. 04~24

PLATING

1: 80u" MIN MATTE TIN

3: 15u" GOLD PLATED ON CONTACT AREA
TIN PLATED ON SOLDER TAIL

4: 30u" GOLD PLATED ON CONTACT AREA
TIN PLATED ON SOLDER TAIL

5: 200u" MIN MATTE TIN

4. OPERATING TEMPERATURE: -40°C to +105°C

5. THE HOUSING CAN WITHSTAND EXPOSURE TO 260°C
PEAK TEMPERATURE 10 SECONDS IN A REFLOW OVEN.

6. PRODUCT SPEC: GS-12-1177.

7. PACKAGING SPEC: GS-14-2359 / **GS-14-2666 (Kapton Tape)**

8. THIS CONNECTOR MATES WITH AFCI BMI RECEPTACLE 10159684

LEAD FREE

BLANK: NO CAP, TRAY PACKAGE
K: TAPE/REEL PACKAGE WITH KAPTON TAPE AND HIGH TEMPERATURE MYLOR TAPE FOR TERMINAL ALIGNMENT
T: TAPE/REEL PACKING WITH HIGH TEMPERATURE ALIGNER

PEG OPTION
BLANK: WITH PEG
B: WITHOUT PEG

HSG MATERIAL
1: LCP, GLOW WIRE COMPATIBLE

Description of Change:

- Updated the part number logic by adding packaging, peg option and also updated the note by adding mating connector part number and packing spec of connector having kapton tape
- Removed the Gold Flash Overall from the plating option

Implementation Date:

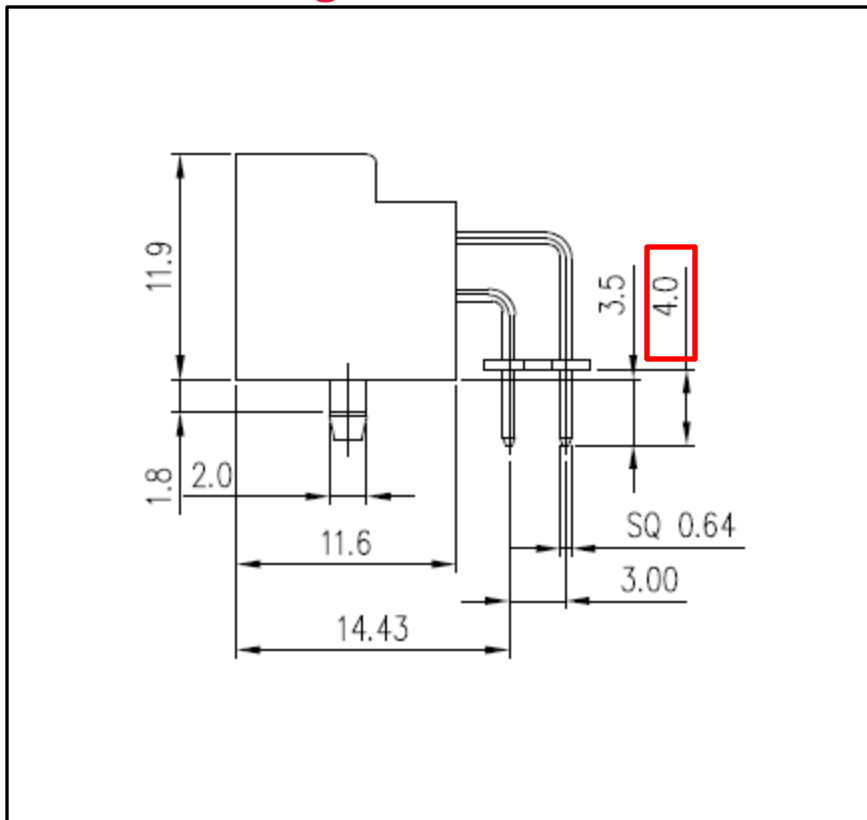
20th Sept'21

Engineering Change Notification

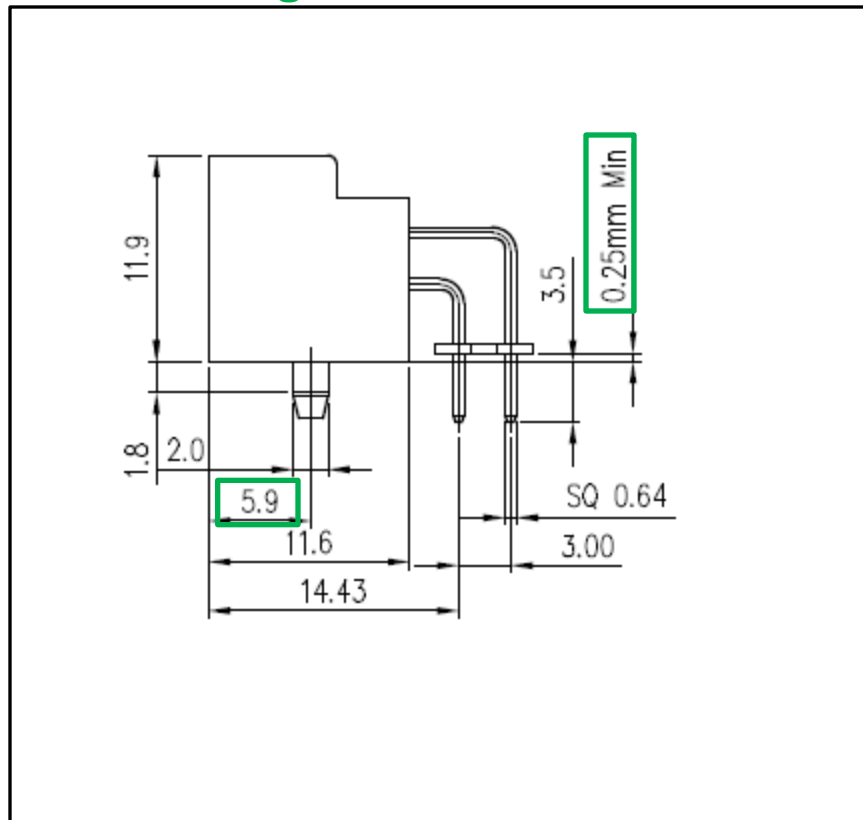
Product: Minitek 3.0 Right Angle BMI Header

Site CCB No./Global PCN No.

Before Change



After Change



Description of Change:

- Dimension Changed:-Removed the dimension 4.0mm from the existing drawing and added the dimension 0.25mm Min in the new drawing(changed dimensions were marked in the above figure)
- Dimension Added:- Added dimension 5.9mm in the new drawing(Please see above figure)

Implementation Date:

20th Sept'21

PCN21112	10144754-2411LF	DOCUMENTATION CHANGE	October 1, 2021
PCN21112	10144754-2421LF	DOCUMENTATION CHANGE	October 1, 2021
PCN21112	10144754-2431LF	DOCUMENTATION CHANGE	October 1, 2021
PCN21112	10144754-2441LF	DOCUMENTATION CHANGE	October 1, 2021