PCN - 12 117-R.1

Issue Date: February 25 2013

Product Name:	1.27 MM BTB			
	Unshrouded BTB header, Shrouded BTB header, BTB Receptacle			
Product Manager:	Feagle Pan			
Subject:	Notification of Planned Change			
Distribution:	Global			
Type of Change:	Design Change			
Change Description:	1) Design change - Receptacle: terminal design change; housing and terminal material change; plating change and packaging/MOQ change. - Header: housing material change; plating change and packaging/MOQ change. - But there is NO part number change. - After the change, the product performance will exceed current product specification. ***- Refer to attached "PCN12117 CHANGE DESCRIPTION" file with detailed info.*** 2) Location change, change from FCI Taiwan site to FCI China site.			
Reason for Change:	Improve product feature and logistics. And, strengthen FCI Basics+ product in the market. ***By Rev.1*** *- There will not be any PN change as described to the first release. Further detailed description of change has been included in the embedded presentation.*			
Affected Parts:	See attached list.			
Effective Date of Change:	April	01	2013	
Last Time Buy Date:	March	28	2013	
Last Disty Return Date:	N/A	N/A	N/A	
Datasheet Attached?	No			
Qual/Test Data Attached?	No	*Qualification report will be available on Feb 28, 2013.*		
Samples Availability Date:	February	25	2013	
Available Alternatives?	N/A			
Questions?	*Contact your local FCI Representative, or*			
	Feagle Pan / Product manager			
	Phone number: +86 513 80167369 / e-mail address: feagle.pan@fci.com			

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MINITEK 1.27MM
Change description

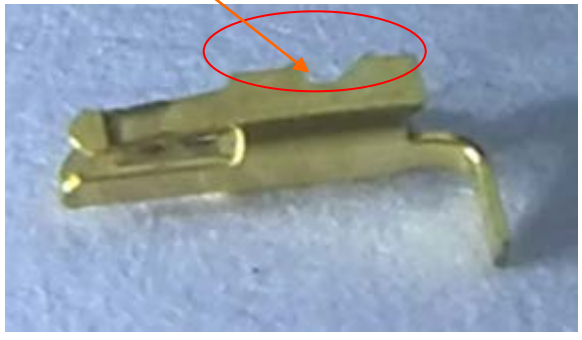
---Between new and original 1.27MM MINITEK

NO PART NUMBER CHANGE

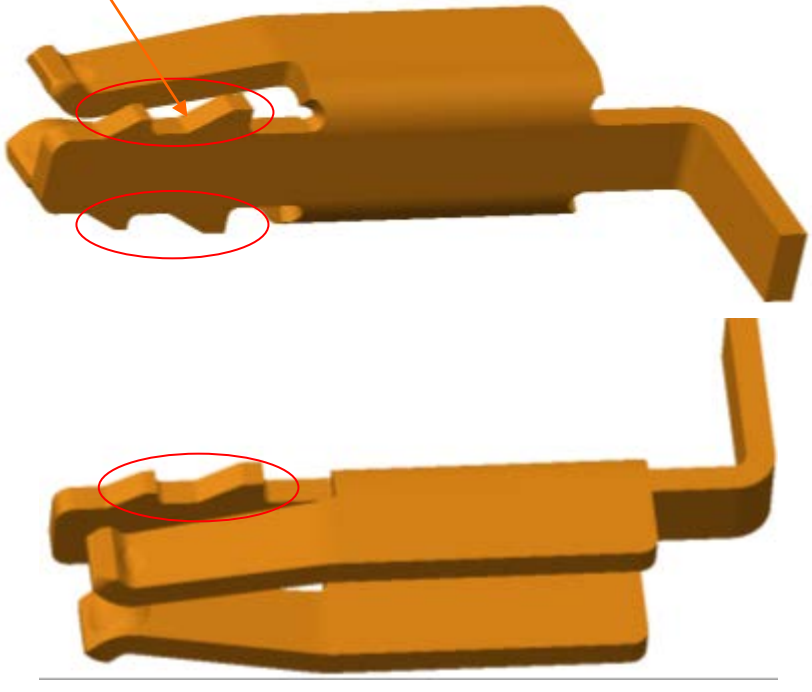
1. Receptacle change – terminal design

- Original:
  - For Terminal of receptacle (20021311 and 20021321series parts): design the barbs at U form feature area;
- New:
  - For Terminal of receptacle (20021311 and 20021321series parts): design the barbs at tongue feature area for better retention force;

Design the barbs at U form feature area



Design the barbs at tongue feature area



1. Receptacle change – others

- For all receptacle 20021311 and 20021321 series parts: Change the housing material, plating spec, package spec and MOQ as below showing.
- Developed new mold, die and assembly machine due to design change.
- Have available 15u” GXT plating option

Item	Original	New
Housing material	LCP E471i (Halogen free)	LCP E130i (Halogen free)
Terminal	Phosphor bronze C5191-H	Phosphor bronze C5210-H
Plating specification	Plating option 1, PN 200213XX-000XXX1LF Gold flash over all	1. Gold flash on contact area, 100u” pure tin on solder tail.
	Plating option 4, PN 200213XX-000XXX4LF 10u” Au on contact area, gold flash on solder tail.	4. 10u” Au on contact area, 100u” pure tin on solder tail.
	Plating option 8, PN 200213XX-000XXX8LF 30u” Au on contact area, gold flash on solder tail.	8. 30u” GXT on contact area, 100u” pure tin on solder tail.
Packing size (carton size)	For tube style: 130*86*315MM	For tube style:104*67*625MM
	For reel style: 350*350*75/290MM	For reel style: 350*350*85MM
MOQ	For the detail change of MOQ, please refer to enclosed excel file.	

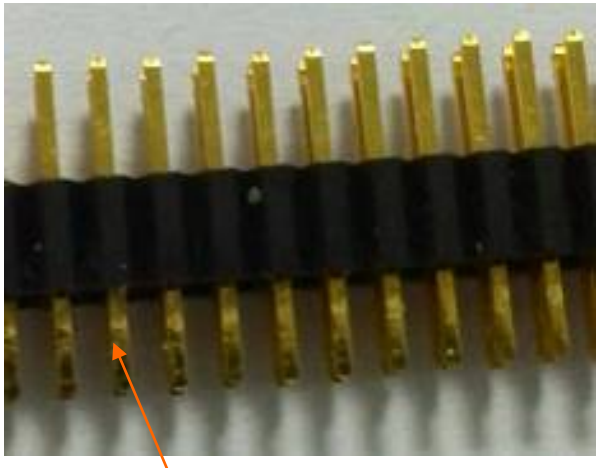
2. Header change

- For all header 20021111, 20021112, 20021121, 20021211, 20021212 and 20021221 series parts: Change the housing material, plating spec, package spec and MOQ as below showing.
- Developed new mold, die and assembly machine due to design change.
- Have available 15u" GXT plating option

Item	Original	New
Housing material	NY6T (not Halogen free)	HTN (Halogen free)
Plating specification	Plating option 1, PN20021XXX-000XXX1LF Gold flash over all	1. Gold flash on contact area, 100u" pure tin on solder tail.
	Plating option 4, PN20021XXX-000XXX4LF 10u" Au on contact area, gold flash on solder tail.	4. 10u" Au on contact area, 100u" pure tin on solder tail.
	Plating option 8, PN20021XXX-000XXX8LF 30u" Au on contact area, gold flash on solder tail.	8. 30u" GXT on contact area, 100u" pure tin on solder tail.
Packing size (carton size)	For tube style: 130*86*315MM	For tube style: 104*67*625MM
	For reel style: 350*350*75/290MM	For reel style: 350*350*85MM
MOQ	For the detail change of MOQ, please refer to enclosed excel file.	

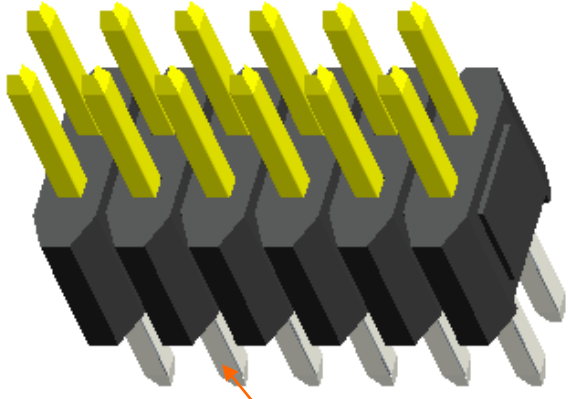
3. Appearance difference - Unshrouded Header VT TH(20021111 series)

- Original:
  - Au plating all over the Pin (Yellow color);



Yellow color at solder tail area

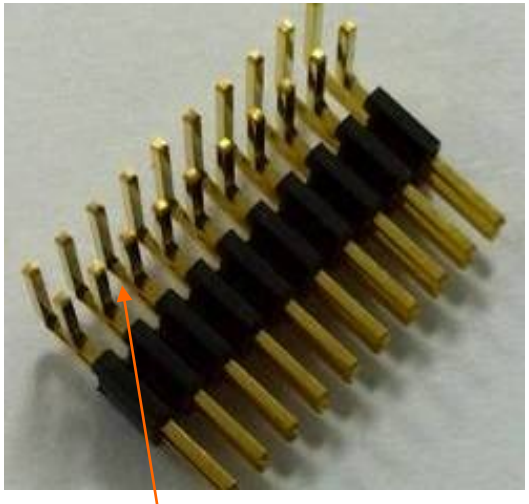
- New:
  - Au / GXT plating at contact area; Tin plating at Tail area (White color);



White color at solder tail area

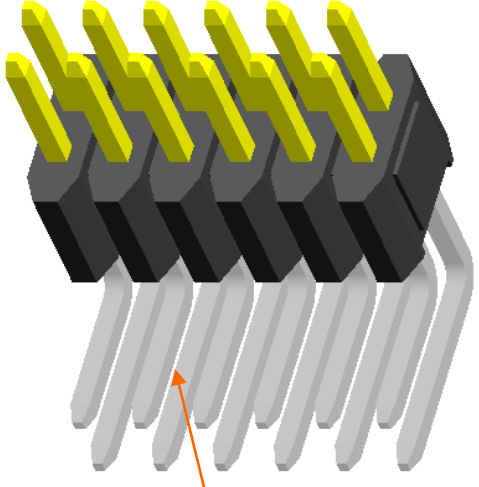
3. Appearance difference - Unshrouded Header RA TH(20021112 series)

- Original:
  - Au plating all over the Pin (Yellow color);



Yellow color at solder tail area

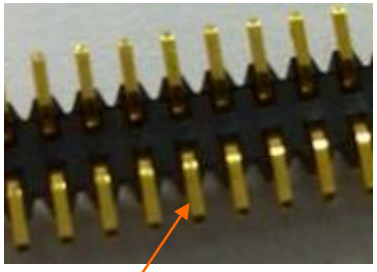
- New:
  - Au / GXT plating at contact area; Tin plating at Tail area (White color);



White color at solder tail area

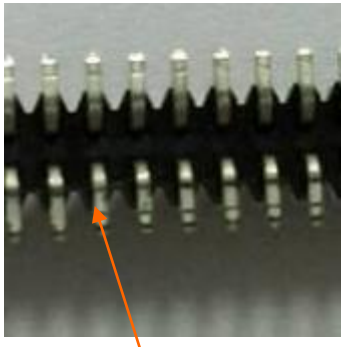
3. Appearance difference - Unshrouded Header VT SMT(20021121 series)

- Original:
  - Au plating all over the Pin (Yellow color);



Yellow color at solder tail area

- New:
  - Au / GXT plating at contact area; Tin plating at Tail area (White color);

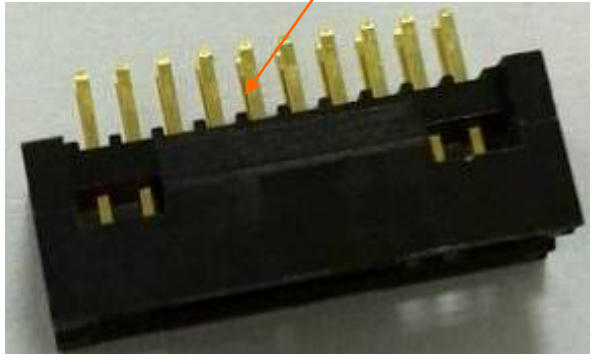


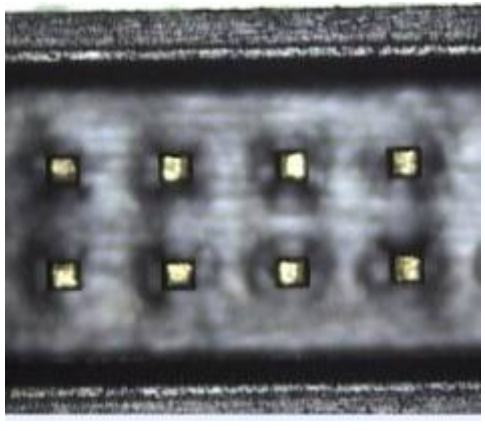
White color at solder tail area

3. Appearance difference - Shrouded Header VT TH (20021211 series)

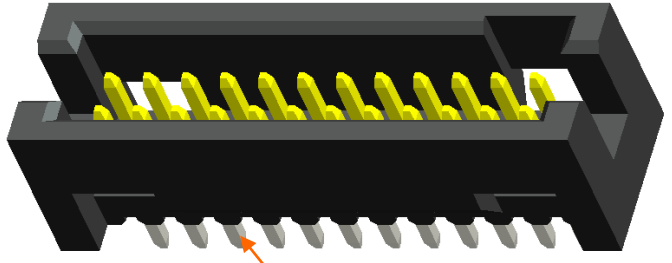
- Original:
  - Au plating all over the Pin (Yellow color);
  - For housing: there is no blind hole in the middle area;

Yellow color at solder tail area

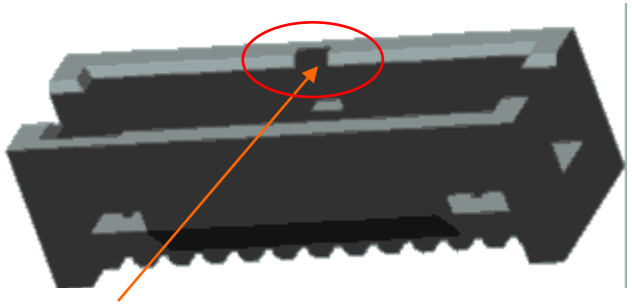




- New:
  - Au / GXT plating at contact area; Tin plating at Tail area (White color);
  - For housing: having blind hole in the middle area for cap location;



White color at solder tail area

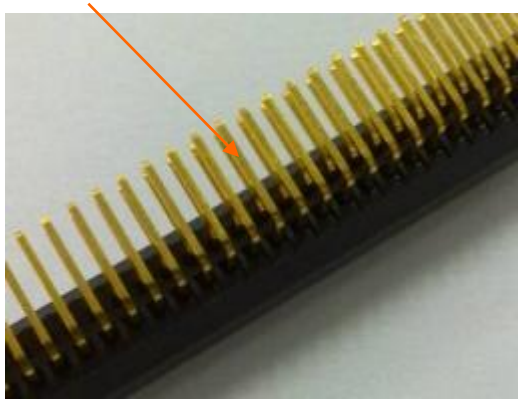


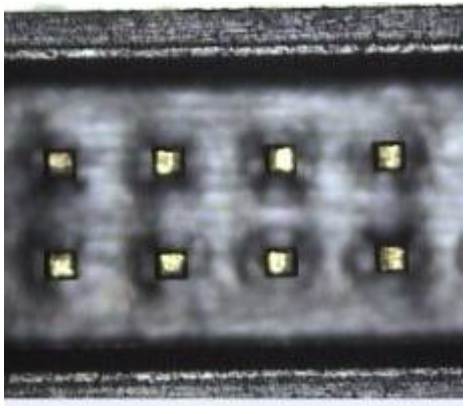
Blind hole in the middle of housing for cap location (only 1 side)

3. Appearance difference - Shrouded Header RA TH (20021212 series)

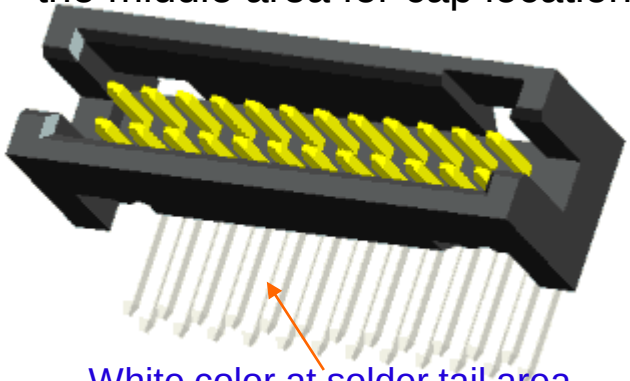
- Original:
  - Au plating all over the Pin (Yellow color);
  - For housing: there is no blind hole in the middle area;

Yellow color at solder tail area

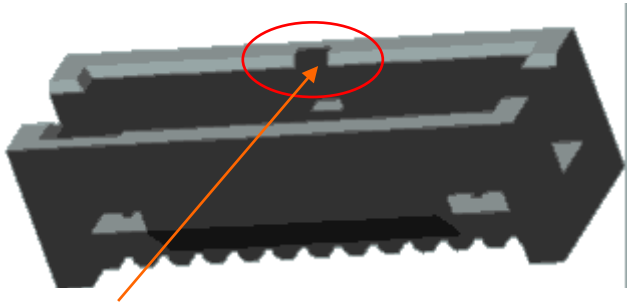




- New:
  - Au / GXT plating at contact area; Tin plating at Tail area (White color);
  - For housing: having blind hole in the middle area for cap location;



White color at solder tail area

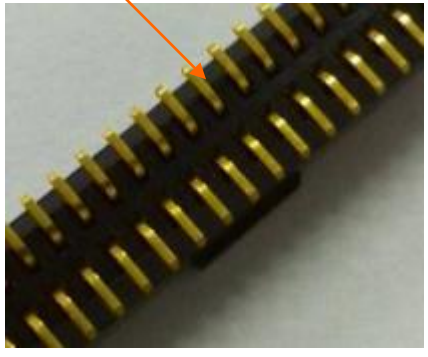


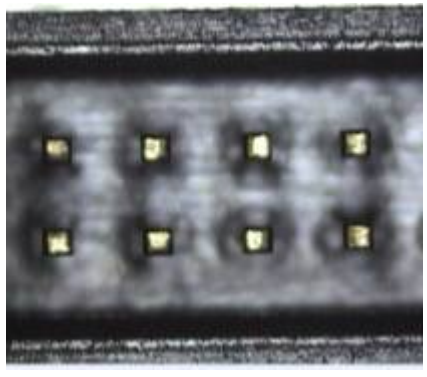
Blind hole in the middle of housing for cap location (only 1 side)

3. Appearance difference - Shrouded Header VT SMT (20021221 series)

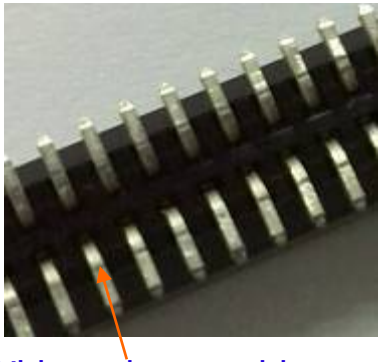
- Original:
  - Au plating all over the Pin (Yellow color);
  - For housing: there is no blind hole in the middle area;

Yellow color at solder tail area

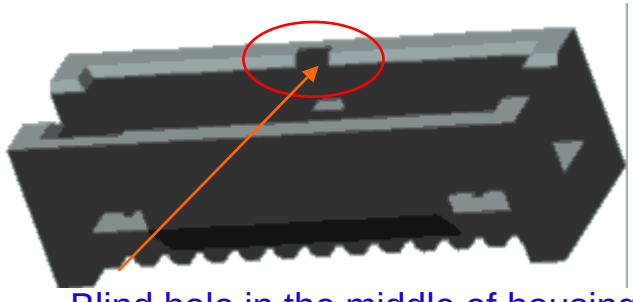




- New:
  - Au / GXT plating at contact area; Tin plating at Tail area (White color);
  - For housing: having blind hole in the middle area for cap location;



White color at solder tail area

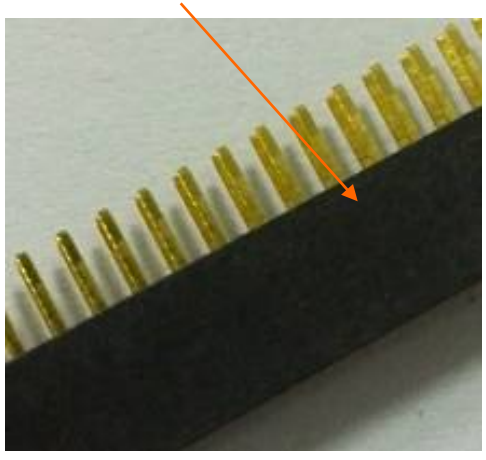


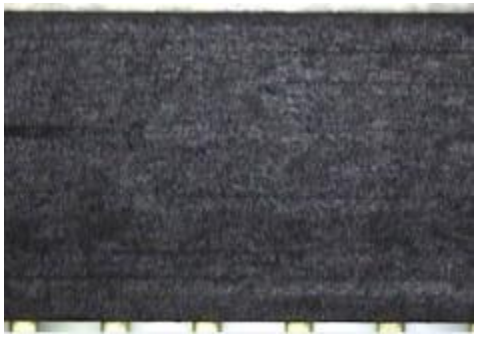
Blind hole in the middle of housing for cap location (only 1 side)

3. Appearance difference - Receptacle VT TH (20021311 series)

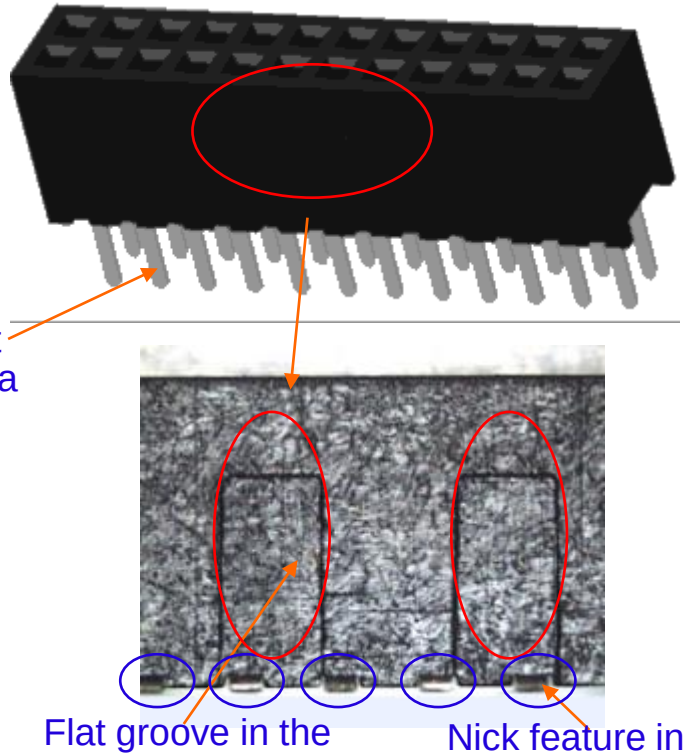
- Original:
  - Au plating all over the Pin (Yellow color);
  - For housing: there is no flat groove in the middle area and no nick in the bottom of housing;

Yellow color at solder tail area





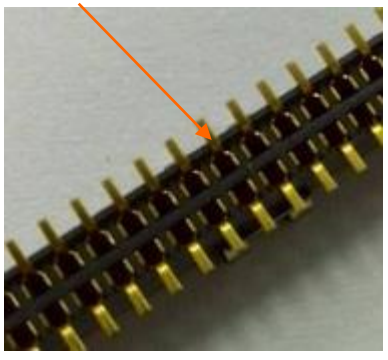
- New:
  - Au / GXT plating at contact area; Tin plating at Tail area (White color);
  - For housing: having flat groove in the middle area for cap location (2 sides); and having nick feature in the bottom of housing for tail location (2 sides);

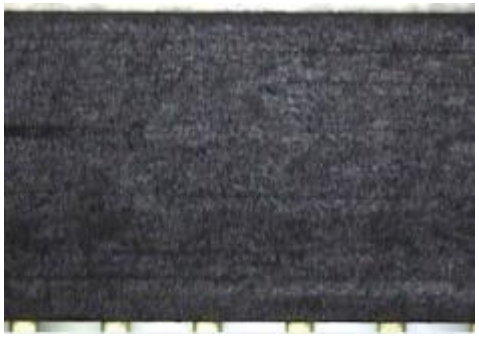


3. Appearance difference - Receptacle VT SMT (20021321 series)

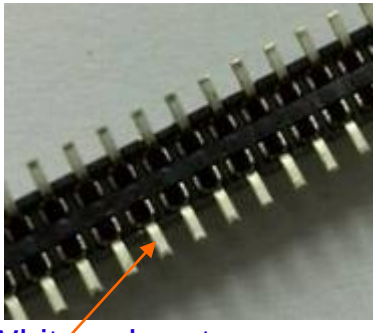
- Original:
  - Au plating all over the Pin (Yellow color);
  - For housing: there is no flat groove in the middle area and no nick in the bottom of housing;

Yellow color at solder tail area

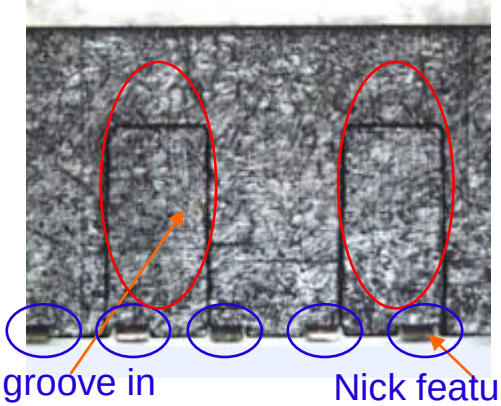




- New:
  - Au / GXT plating at contact area; Tin plating at Tail area (White color);
  - For housing: having flat groove in the middle area for cap location (2 sides); and having nick feature in the bottom of housing for tail location (2 sides);



White color at solder tail area



Flat groove in the middle area

Nick feature in the bottom of housing