



# Product Change Notification (PCN)

PCN Number	510961	Date Issued	November 09, 2021
Reason for Change	Change to Product		
Change Type Description	This letter is to inform you that changes are being made to the part(s) identified in this Notice. The change may affect the fit, form, function or appearance of the parts, or it may result in a change to the specification. The details below show an example of the possible differences.		
Reason for Short Notice	Corrective Actions		
Assessment of Change	Passed FAI		
Internal Molex Qualification Date	December 24, 2021		
Sample Availability Date (Changed Part)	December 24, 2021		
Planned Implementation Date	December 30, 2021		
Method of Identifying Change	Product made after planned implementation date can contain the change		

RELEASED

## Before Change

### Before

- Plating gold length spec is mentioned as 2.54mm. We have reel to reel plating line where this parts done with gold plating through immersion plating, by design we cannot maintain the gold length exactly at 2.54mm. Purposefully immersion depth is kept at higher side as having gold coverage lesser than required spec will cause functional failure.

ENG. NO: A-42375-0037/0071			
HEADER NUMBER:	42312-0036		
PIN NUMBER:	42663-ABR008		
PIN LENGTH: L	455 / 11.56		
MATING LENGTH: M	240 / 6.09		
GOLD POINT: G	100 / 2.54		
PC TAIL LENGTH: P	125 / 3.18		
TIN: T	100 / 2.54		
CRKTS:	2-36		
WINKS:	NO		
VOIDED CRKTS:	NONE		
PACKAGING:	BULK PK-40873-0041		
CKT#	MATERIAL NUMBER	ENG NUMBER	CKT# MATERIAL ENG
2	22-28-4003	A-42375-0037	20 22-28-4203 A-42375-0050
3	22-28-4033	A-42375-0038	21 22-28-4213 A-42375-0056
4	22-28-4044	A-42375-0039	22 22-28-4223 A-42375-0057
5	22-28-4055	A-42375-0040	23 22-28-4233 A-42375-0058
6	22-28-4066	A-42375-0041	24 22-28-4243 A-42375-0059
7	22-28-4077	A-42375-0042	25 22-28-4253 A-42375-0060
8	22-28-4088	A-42375-0043	26 22-28-4263 A-42375-0061
9	22-28-4099	A-42375-0044	27 22-28-4273 A-42375-0062
10	22-28-4100	A-42375-0045	28 22-28-4283 A-42375-0063
11	22-28-4111	A-42375-0046	29 22-28-4293 A-42375-0064
12	22-28-4122	A-42375-0047	30 22-28-4303 A-42375-0065
13	22-28-4133	A-42375-0048	31 22-28-4313 A-42375-0066
14	22-28-4143	A-42375-0049	32 22-28-4323 A-42375-0067
15	22-28-4153	A-42375-0050	33 22-28-4333 A-42375-0068
16	22-28-4163	A-42375-0051	34 22-28-4343 A-42375-0069
17	22-28-4173	A-42375-0052	35 22-28-4353 A-42375-0070
18	22-28-4183	A-42375-0053	36 22-28-4363 A-42375-0071
19	22-28-4193	A-42375-0054	

## After Change

### After

In drawing it is mentioned 2.54 mm. So, we are correcting drawing mentioning the gold length as Min 2.54mm giving additional 3mm tolerance.

- Part Impact
  - "no impact to fit, form or function"
- Part Number Impact
  - "see attached impacted parts list"
- Process qualification run will be done as per new drawings revision.

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PIN LENGTH: L	455 / 11.56		
MATING LENGTH: M	240 / 6.09		
GOLD POINT: G	100 / 2.54 Min-2.5185-54 Max		
PC TAIL LENGTH: P	125 / 3.18		
TIN: T	100 / 2.54		
CRKTS:	2-36		
WINKS:	NO		
VOIDED CRKTS:	NONE		
PACKAGING:	BULK PK-40873-0041		
CKT#	MATERIAL NUMBER	ENG NUMBER	CKT# MATERIAL ENG
02	22-28-4003	A-42375-0037	20 22-28-4203 A-42375-0050
03	22-28-4033	A-42375-0038	21 22-28-4213 A-42375-0056
04	22-28-4044	A-42375-0039	22 22-28-4223 A-42375-0057
05	22-28-4055	A-42375-0040	23 22-28-4233 A-42375-0058
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19	22-28-4193	A-42375-0054	



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You may address any technical inquiries regarding this PCN by sending E-mail to [pcn\\_coordinator@molex.com](mailto:pcn_coordinator@molex.com) or your Local Sales Engineer.

Note: While responding, please retain "**PCN Notification:510961**" in the e-mail Subject line for faster response.

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