



# 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			
RINKS:		NO			
VOIDED CRKTS:		NONE			
PACKAGING:		BULK PK-40873-0041			
CKT#	MATERIAL NUMBER	ENG NUMBER	CKT#	MATERIAL NUMBER	ENG NUMBER
2	22-28-4003	A-42375-0037	20	22-28-4203	A-42375-0056
3	22-28-4033	A-42375-0038	21	22-28-4213	A-42375-0056
4	22-28-4043	A-42375-0039	22	22-28-4223	A-42375-0057
5	22-28-4053	A-42375-0040	23	22-28-4233	A-42375-0058
6	22-28-4063	A-42375-0041	24	22-28-4243	A-42375-0059
7	22-28-4073	A-42375-0042	25	22-28-4253	A-42375-0060
8	22-28-4083	A-42375-0043	26	22-28-4263	A-42375-0061
9	22-28-4093	A-42375-0044	27	22-28-4273	A-42375-0062
10	22-28-4103	A-42375-0045	28	22-28-4283	A-42375-0063
11	22-28-4113	A-42375-0046	29	22-28-4293	A-42375-0064
12	22-28-4123	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.

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 Min-2.5185-54 Max			
PC TAIL LENGTH: P		125 / 3.18			
TIN: T		100 / 2.54			
CRKTS:		2-36			
RINKS:		NO			
VOIDED CRKTS:		NONE			
PACKAGING:		BULK PK-40873-0041			
CKT#	MATERIAL NUMBER	ENG NUMBER	CKT#	MATERIAL NUMBER	ENG NUMBER
02	22-28-4003	A-42375-0037	20	22-28-4203	A-42375-0056
03	22-28-4033	A-42375-0038	21	22-28-4213	A-42375-0056
04	22-28-4043	A-42375-0039	22	22-28-4223	A-42375-0057
05	22-28-4053	A-42375-0040	23	22-28-4233	A-42375-0058
06	22-28-4063	A-42375-0041	24	22-28-4243	A-42375-0059
07	22-28-4073	A-42375-0042	25	22-28-4253	A-42375-0060
08	22-28-4083	A-42375-0043	26	22-28-4263	A-42375-0061
09	22-28-4093	A-42375-0044	27	22-28-4273	A-42375-0062
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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			



## Product Change Notification (PCN)

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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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[www.molex.com](http://www.molex.com)

PCN # Molex Part #

510961 22284363

510961 1120165000

**Affected Parts:**

22-28-4033
22-28-4053
22-28-4063
22-28-4083
22-28-4143
22-28-4363