

Amphenol ICC-CMIO Product Change Notification

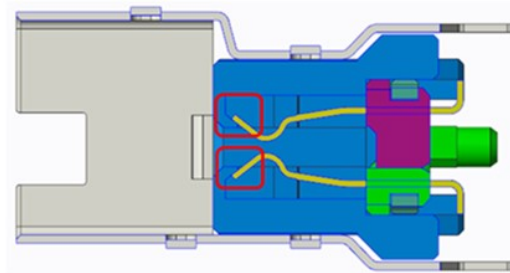
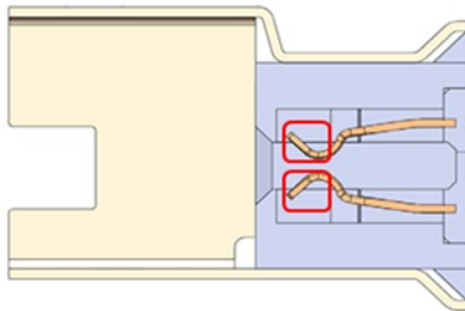
Part Numbers Concerned :	See table below	Originator:	Jim Hsu
Product Description:	SLIMSAS X4 V/T & SLIMSAS X8 V/T RECEPTACLE WITH LATCH	Issue Date:	2018/6/1
		PCN NO:	P-18-00011
Distribution:	To optimize structure of connector.		

Product Change Notice

Point 1:

U10-B074,U10-D038 Series
Original version

U10-BH74, U10-DH38 Series
Advanced version



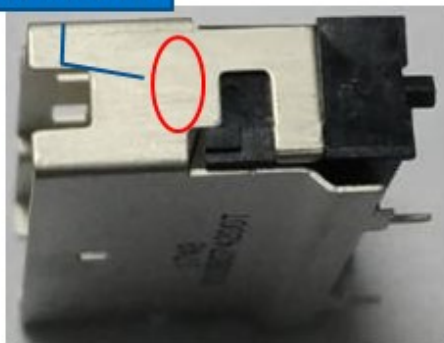
Change 1: Adding block wall on housing for better control the contact gap.

Point 2:

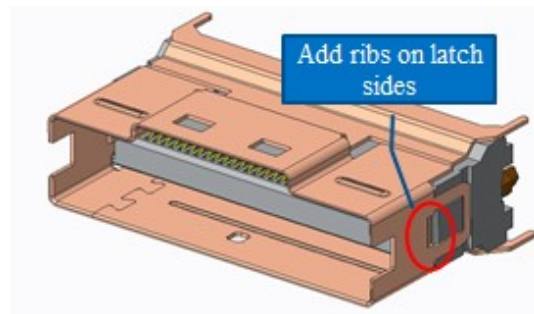
U10-B074 Series
Original version

U10-BH74 Series
Advanced version

There are no ribs on sides of latch.



Add ribs on latch sides

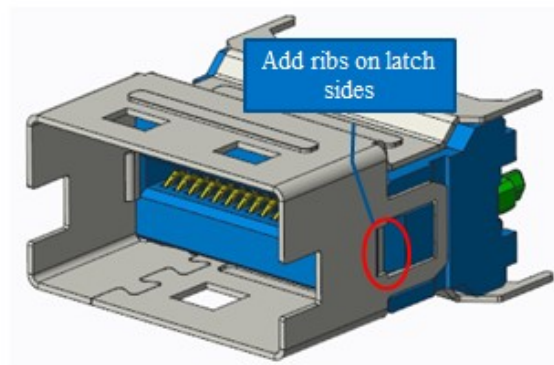


Amphenol ICC-CMIO Product Change Notification

U10-D038 Series
Original version



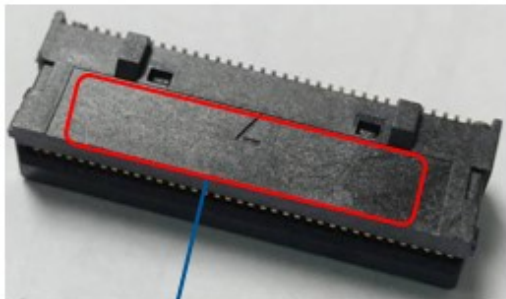
U10-DH38 Series
Advanced version



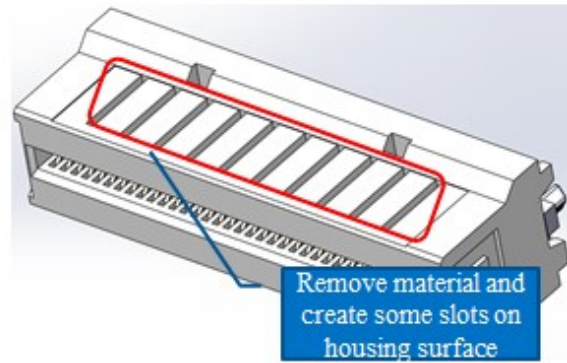
Change 2: Add ribs on latch sides to reduce the tilt angle.

Point 3:

U10-B074 Series
Original version

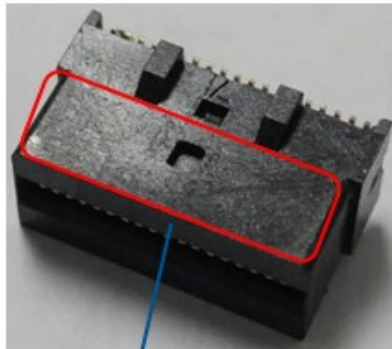


U10-BH74 Series
Advanced version



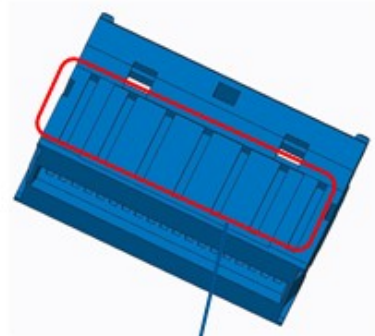
Amphenol ICC-CMIO Product Change Notification

U10-D038 Series
Original version



There are no slots on housing surface.

U10-DH38 Series
Advanced version



Remove material and create some slots on housing surface

Change 3: Remove material and create slots on housing to have better bending result.

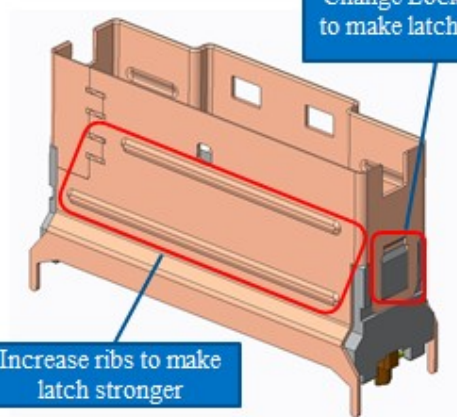
Point 4:

U10-B074 Series
Original version



There are no ribs on shield.

U10-BH74 Series
Advanced version

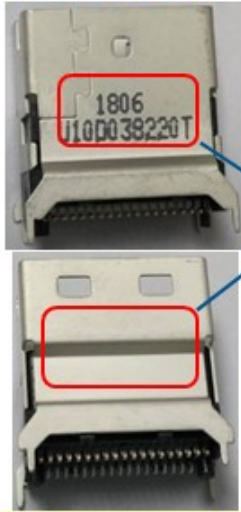


Change Locking way to make latch stronger

Increase ribs to make latch stronger

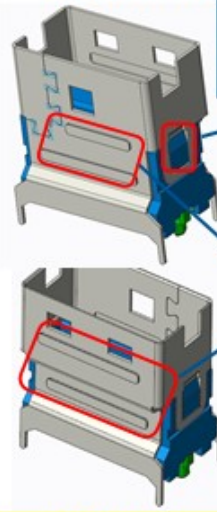
Amphenol ICC-CMIO Product Change Notification

**U10-D038 Series
Original version**



There are no ribs on shield.

**U10-DH38 Series
Advanced version**



Change Locking way to make latch stronger

Increase ribs to make latch stronger

Change 4: Change raw material to **stainless steel with Ni plating** and change structure to make latch stronger.

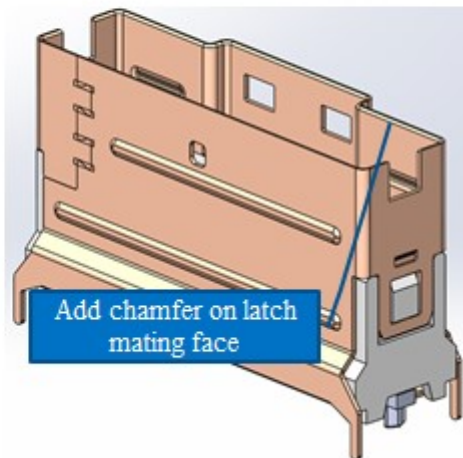
Point 5:

**U10-B074 Series
Original version**



There is no chamfer on latch mating face.

**U10-BH74 Series
Advanced version**



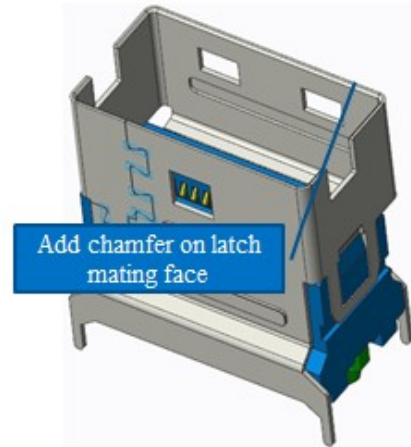
Add chamfer on latch mating face

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**U10-D038 Series
Original version**

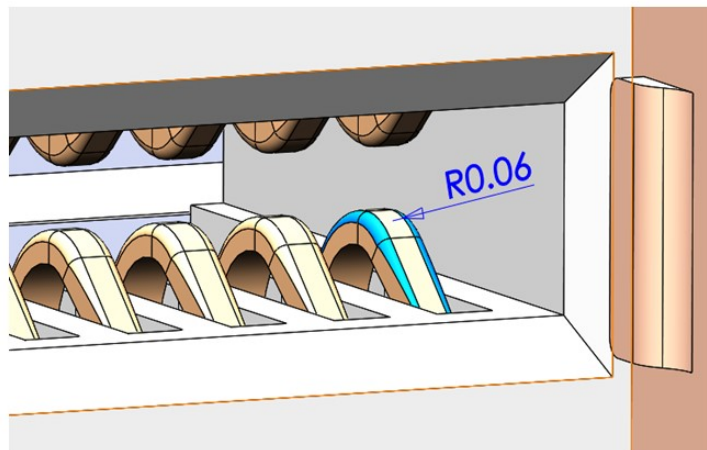


**U10-DH38 Series
Advanced version**



Change 5: Add chamfer on latch mating face, to remove the stamping flash and get smooth mating.

Point 6:



Change 6: Change the coin fillet from 0.02(existing design) to 0.06 on advanced version for smooth mating with cable.

Part Numbers Concerned :

Amphenol Old Part Number	Amphenol New Part Number	PCN Effectivity Date	Old PN Last Time Buy Date
U10-D038-200T	U10DH3820001T	2018/6/1	2018/11/30
U10-D038-210T	U10DH3821001T	2018/6/1	2018/11/30
U10-D038-220T	U10DH3822002T	2018/6/1	2018/11/30
U10-D038-221T	U10DH3822102T	2018/6/1	2018/11/30
U10-D038-240T	U10DH3824002T	2018/6/1	2018/11/30
U10-D038-250T	U10DH3825002T	2018/6/1	2018/11/30
U10-D038-260T	U10DH3826002T	2018/6/1	2018/11/30
U10-D038-270T	U10DH3827001T	2018/6/1	2018/11/30
U10-D038-280T	U10DH3828001T	2018/6/1	2018/11/30
U10-D038-301T	U10DH3830101T	2018/6/1	2018/11/30
U10-D038-320T	U10DH3832002T	2018/6/1	2018/11/30
U10-D038-321T	U10DH3832102T	2018/6/1	2018/11/30
U10-D038-351T	U10DH3835102T	2018/6/1	2018/11/30

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U10-D038-371T	U10DH3837101T	2018/6/1	2018/11/30
U10-D038-311T	U10DH3831101T	2018/6/1	2018/11/30
U10-D038-300T	U10DH3830001T	2018/6/1	2018/11/30
U10-D038-271T	U10DH3827101T	2018/6/1	2018/11/30
Amphenol Old Part Number	Amphenol New Part Number	PCN Effectivity Date	Old PN Last Time Buy Date
U10-B074-200T	U10BH7420001T	2018/6/1	2018/11/30
U10-B074-211T	U10BH7421101T	2018/6/1	2018/11/30
U10-B074-220T	U10BH7422101T	2018/6/1	2018/11/30
U10-B074-221T	U10BH7422001T	2018/6/1	2018/11/30
U10-B074-240T	U10BH7424101T	2018/6/1	2018/11/30
U10-B074-250T	U10BH7425101T	2018/6/1	2018/11/30
U10-B074-251T	U10BH7425001T	2018/6/1	2018/11/30
U10-B074-260T	U10BH7426101T	2018/6/1	2018/11/30
U10-B074-261T	U10BH7426001T	2018/6/1	2018/11/30
U10-B074-2801	U10BH74280011	2018/6/1	2018/11/30
U10-B074-300T	U10BH7430001T	2018/6/1	2018/11/30
U10-B074-301T	U10BH7430101T	2018/6/1	2018/11/30
U10-B074-321T	U10BH7432001T	2018/6/1	2018/11/30
U10-B074-351T	U10BH7435001T	2018/6/1	2018/11/30
U10-B074-270T	U10BH7427001T	2018/6/1	2018/11/30
U10-B074-280T	U10BH7428001T	2018/6/1	2018/11/30
U10-B074-300T	U10BH7430001T	2018/6/1	2018/11/30
U10-B074-301T	U10BH7430101T	2018/6/1	2018/11/30
U10-B074-320T	U10BH7432101T	2018/6/1	2018/11/30
U10-B074-340T	U10BH7434101T	2018/6/1	2018/11/30
U10-B074-2501	U10BH74251011	2018/6/1	2018/11/30

※If you can't find the part number that you are using currently, please refer to the drawings below.

Datasheet:

CUSTOMER DRAWING

↓

2

↑

1

New Drawing

Part with Cap

Pick-Up Area

PRINTED D/C AREA
SEE REMARK

ALL SHRT HALLS

REV	ICM	DESCRIPTION	DATE	APPROVED
1	N/A	FIRST RELEASE	4/29/18	JP
2	N/A	ADDING SHELL DIMENSION	5/13/18	JP
3	N/A	ADDING DIMENSION	5/13/18	JP
4	N/A	ADDING SHELL DIMENSION	5/13/18	JP
5	N/A	ADDING PCB DIMENSION	6/12/18	JP
6	N/A	CHANGING THE PAGING CARRIER	8/13/18	JP
7	N/A	CHANGING THE PAGING CARRIER WIDTH	8/21/18	JP
8	N/A	ADDING TWO CIRCULAR HOLES ON THE COVER SURFACE TO DETACHING THE SHEET AND ADDING INSIDE COLOR DESCRIPTION	10/16/18	JP

Remark:
PRINTED D/C AREA
印刷日期代码区域
YYWW
WEEK(周)
YEAR(年)

UNLESS OTHERWISE SPECIFIED

TOLERANCES

METRIC

FRACTIONS

ANGLES

TOP SURFACES AND FINISHES

REMOVE SHARP EDGES

DIMENSIONS

U.S. INCHES

METRIC

APPROVAL

DATE

DRAWN

CHECKED

DATE

DATE

DRAWING FILE

ANGLE OF PROJECTION

SCALE

SHEET

Amphenol

Amphenol East Asia Limited

TITLE

CUSTOMER DRAWING FOR

SLIMLINE SAS X8 VERTICAL

SIZE

A3

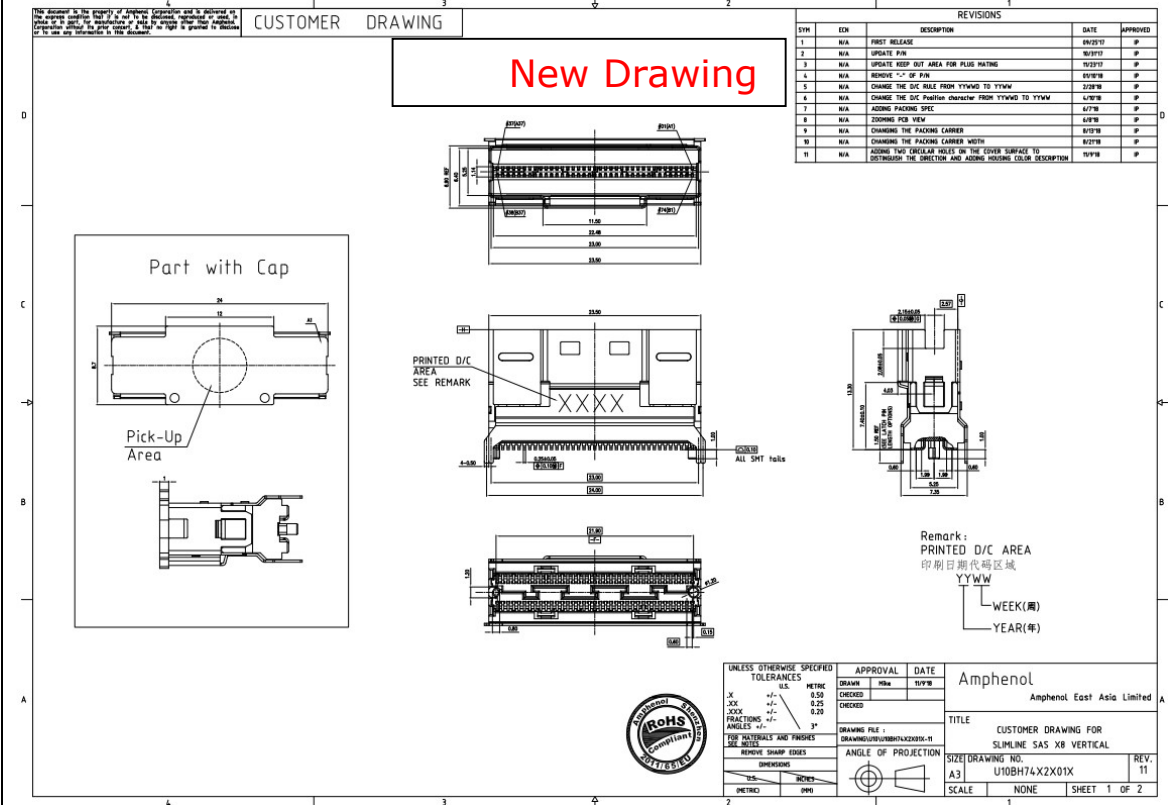
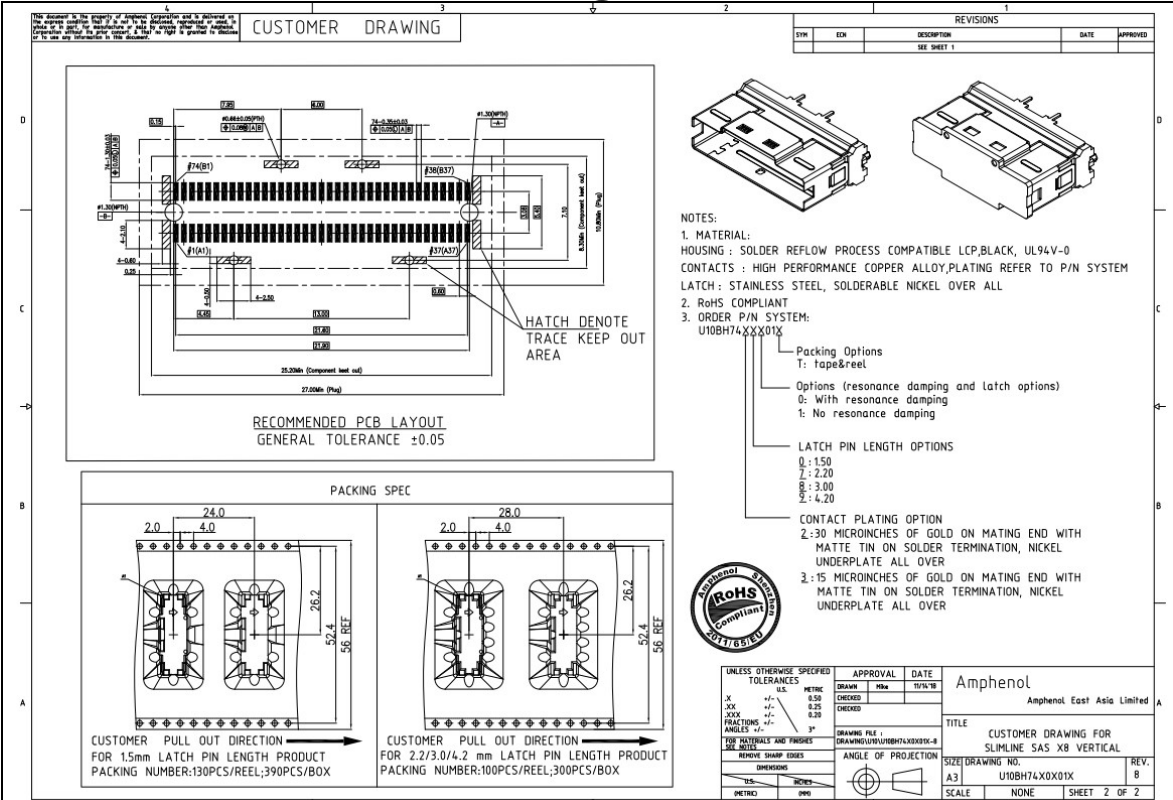
SCALE

NONE

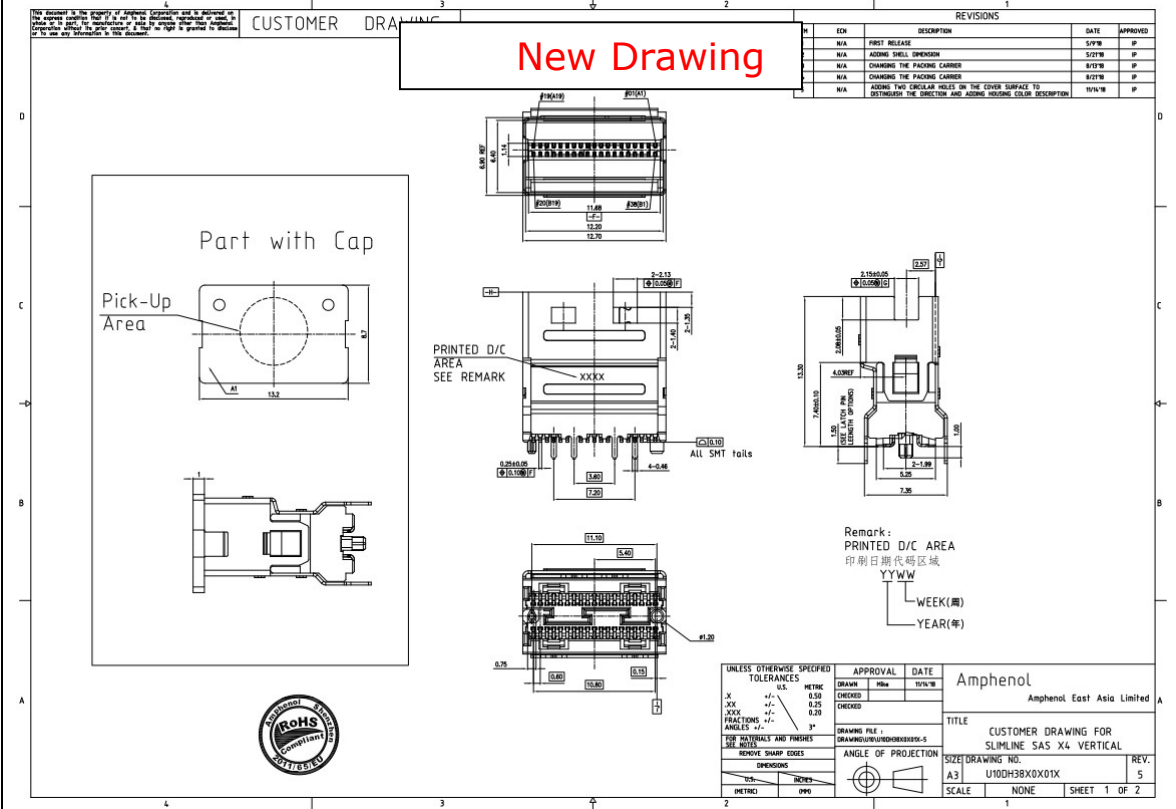
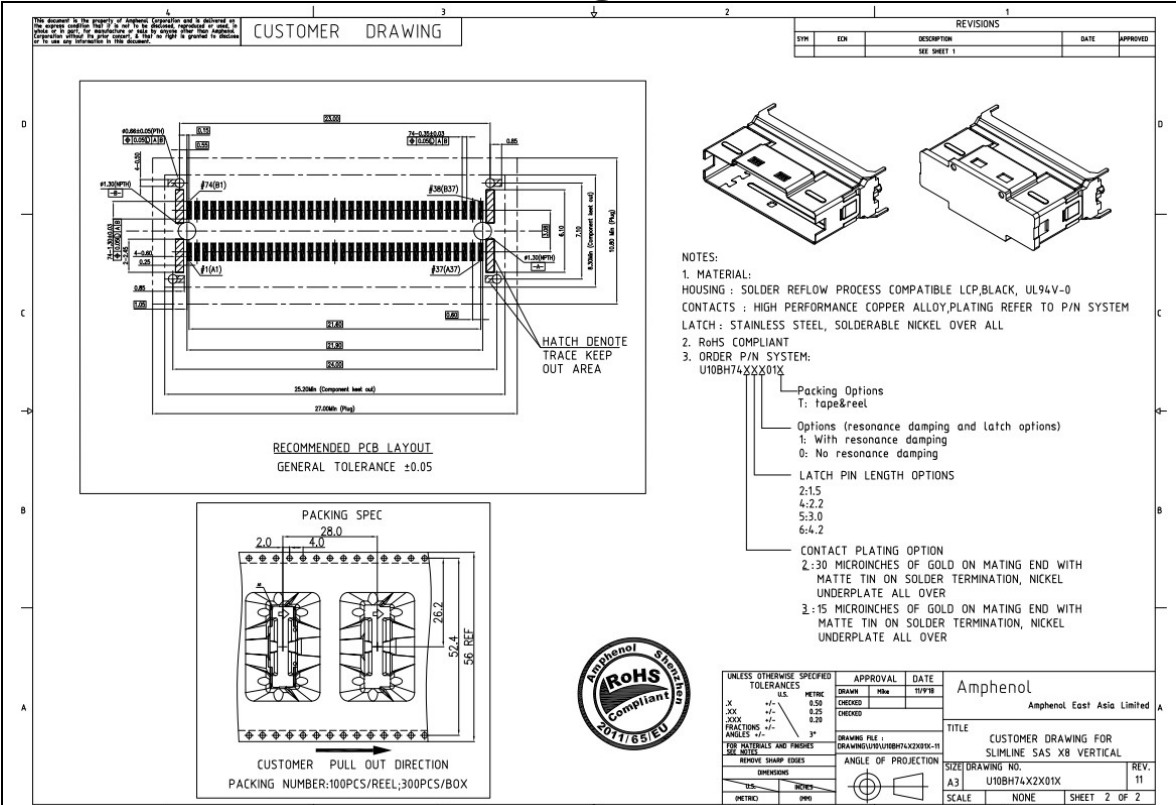
SHEET

1 OF 2

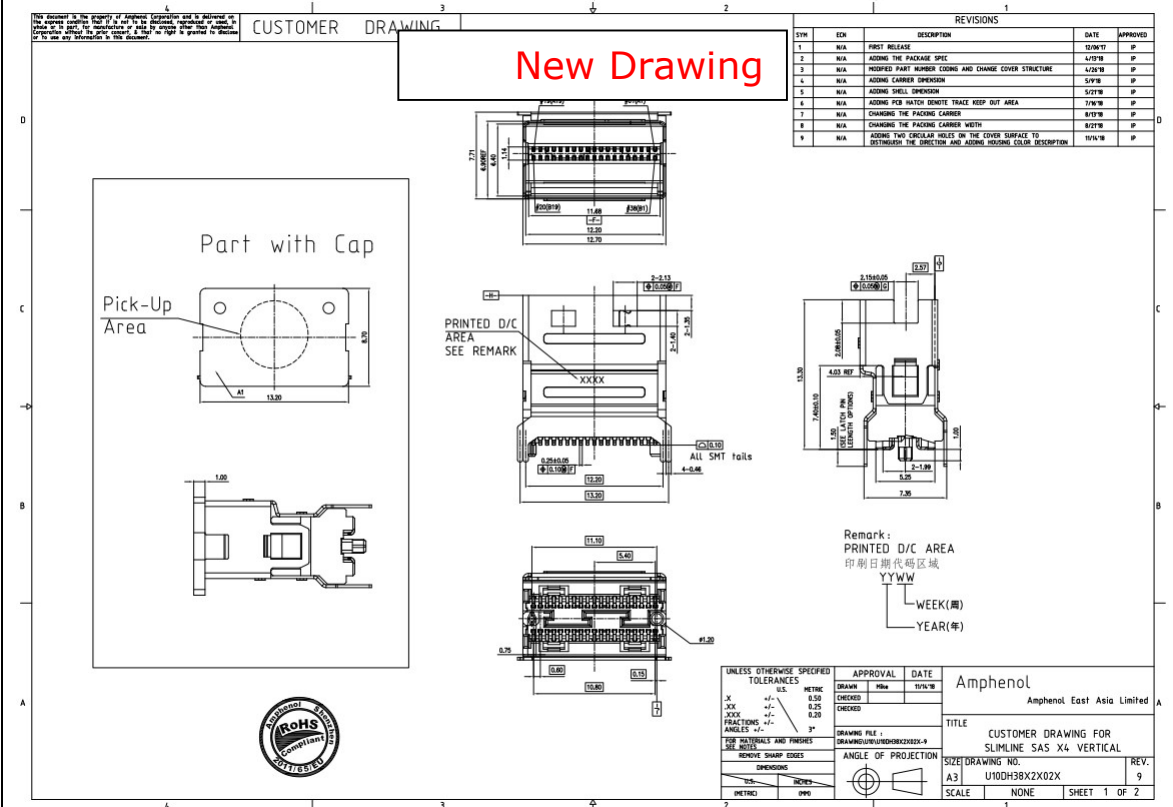
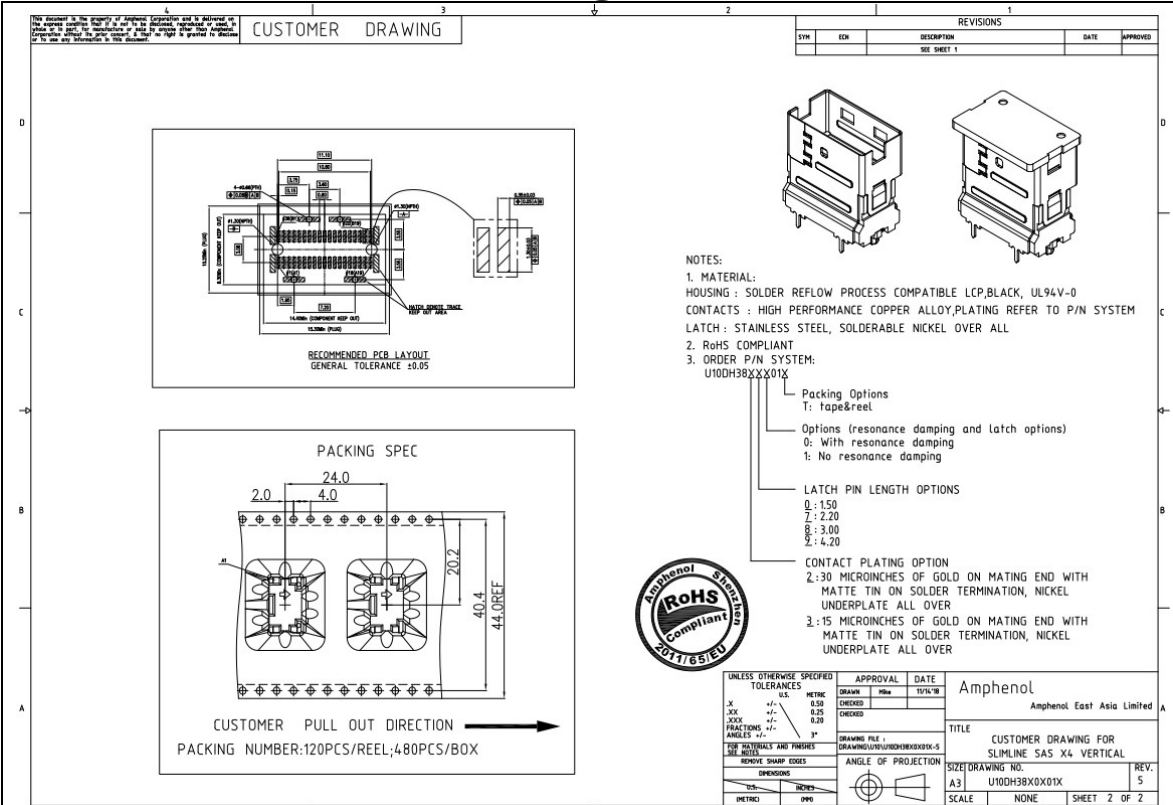
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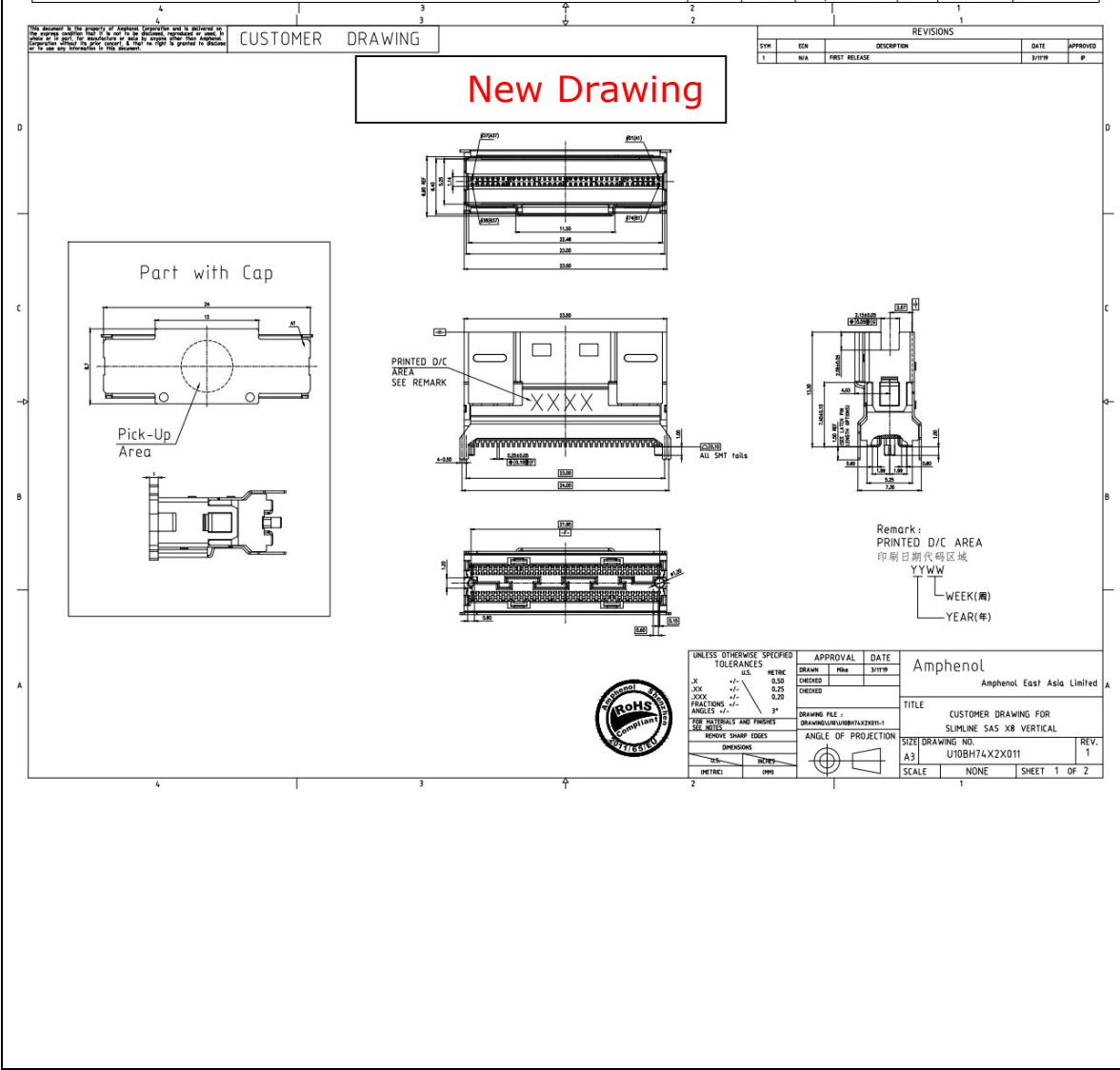
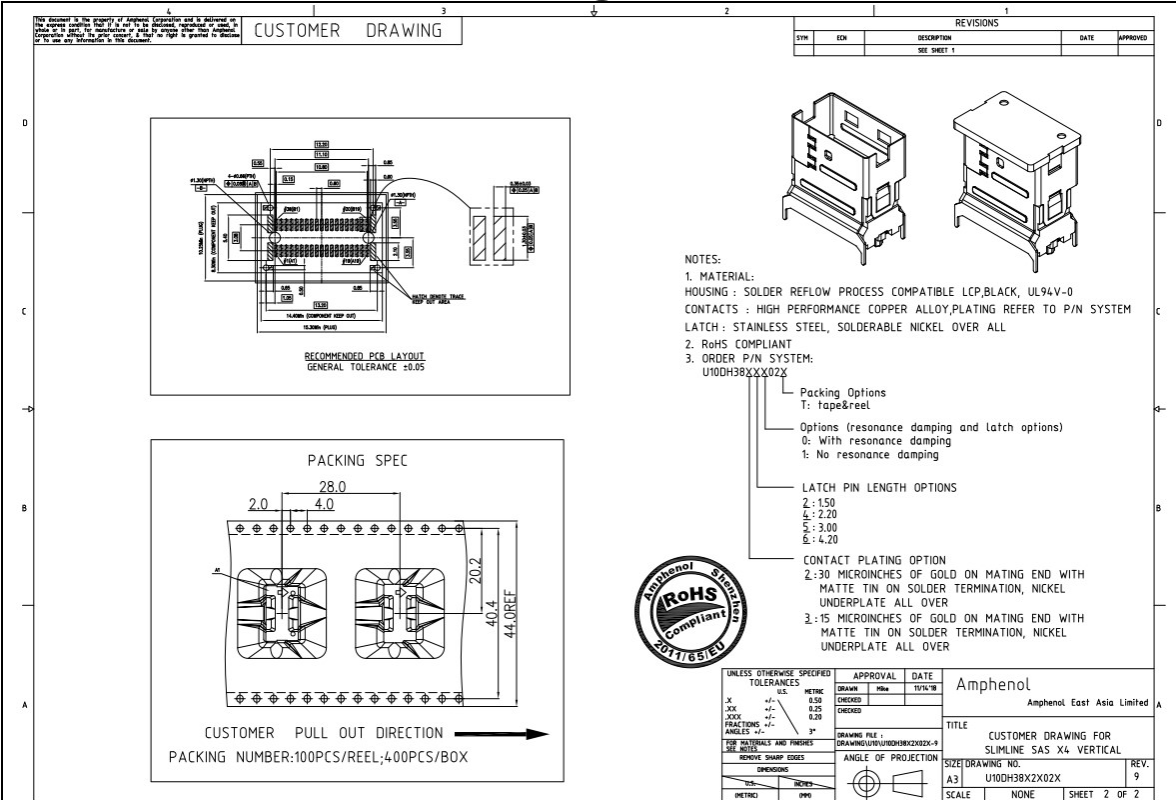
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CUSTOMER DRAWING

RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE ±0.05

NOTES:

- MATERIAL:
HOUSING : SOLDER REFLOW PROCESS COMPATIBLE LCP, BLACK, UL94V-0
CONTACTS : HIGH PERFORMANCE COPPER ALLOY, PLATING REFER TO P/N SYSTEM
LATCH : STAINLESS STEEL, SOLDERABLE NICKEL OVER ALL
- RoHS COMPLIANT
- ORDER P/N SYSTEM:
U10BH74-XX01X

CONTACT PLATING OPTION

- 30 MICRONS OF GOLD ON MATING END WITH MATTE TIN ON SOLDER TERMINATION, NICKEL UNDERPLATE ALL OVER
- 15 MICRONS OF GOLD ON MATING END WITH MATTE TIN ON SOLDER TERMINATION, NICKEL UNDERPLATE ALL OVER

Packing Options
1: Tray packing

Options (resonance damping and latch options)
1: With resonance damping
0: No resonance damping

LATCH PIN LENGTH OPTIONS
2: 1.5
4: 2.2
5: 3.0
6: 4.2

REVISIONS

SY#	ED#	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		

PACKAGING SPEC

PACKING NUMBER: 24PCS/TRAY;
240PCS/Carton

Detail A

UNLESS OTHERWISE SPECIFIED

TOLERANCES	U.S.	METRIC	APPROVAL	DATE
XX	±.01	±0.25	DRAWN	MM#
XX	±.02	±0.50	CHECKED	YY/YY
XX	±.05	±1.00	CHECKED	

THE TOLERANCES AND FINISHES
REMOVE SHARP EDGES

ANGLE OF PROJECTION

SCALE: NONE

SIZE: DRAWING NO. U10BH74-XX01X-1
SHEET 2 OF 2

Amphenol
Amphenol East Asia Limited

TITLE: CUSTOMER DRAWING FOR SLIMLINE SAS X8 VERTICAL

REVISIONS

SY#	ED#	DESCRIPTION	DATE	APPROVED
1	N/A	FIRST RELEASE	5/17/18	P
2	N/A	CHANGING THE PAGING CODES	8/17/18	P
3	N/A	CHANGING THE PAGING CODES MOTOR	8/17/18	P
4	N/A	ADDING TWO GREYER RIBBET IN THE OTHER SURFACE TO IMPROVING THE STRENGTH AND ALSOING REDUCE COLOR DEGRADATION	10/14/18	P

CUSTOMER DRAWING

New drawing

Part with Cap

Pick-Up Area

PRINTED D/C AREA
SEE REMARK

All SMT tails

Remark:
PRINTED D/C AREA
印刷日期代码区域
YYWW
WEEK(周)
YEAR(年)

REVISIONS

SY#	ED#	DESCRIPTION	DATE	APPROVED
1	N/A	FIRST RELEASE	5/17/18	P
2	N/A	CHANGING THE PAGING CODES	8/17/18	P
3	N/A	CHANGING THE PAGING CODES MOTOR	8/17/18	P
4	N/A	ADDING TWO GREYER RIBBET IN THE OTHER SURFACE TO IMPROVING THE STRENGTH AND ALSOING REDUCE COLOR DEGRADATION	10/14/18	P

UNLESS OTHERWISE SPECIFIED

TOLERANCES	U.S.	METRIC	APPROVAL	DATE
XX	±.01	±0.25	DRAWN	MM#
XX	±.02	±0.50	CHECKED	YY/YY
XX	±.05	±1.00	CHECKED	

THE TOLERANCES AND FINISHES
REMOVE SHARP EDGES

ANGLE OF PROJECTION

SCALE: NONE

SIZE: DRAWING NO. U10BH38X1X01X
SHEET 1 OF 2

Amphenol
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TITLE: CUSTOMER DRAWING FOR SLIMLINE SAS X4 VERTICAL

REVISIONS

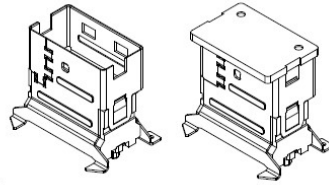
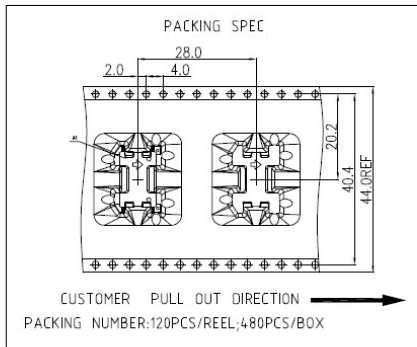
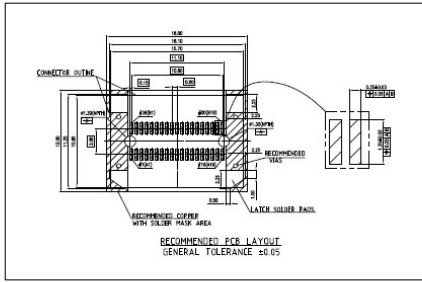
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1	N/A	FIRST RELEASE	5/17/18	P
2	N/A	CHANGING THE PAGING CODES	8/17/18	P
3	N/A	CHANGING THE PAGING CODES MOTOR	8/17/18	P
4	N/A	ADDING TWO GREYER RIBBET IN THE OTHER SURFACE TO IMPROVING THE STRENGTH AND ALSOING REDUCE COLOR DEGRADATION	10/14/18	P

Amphenol ICC-CMIO Product Change Notification

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CUSTOMER DRAWING

REVISIONS				
REV	EN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



NOTES:

- MATERIAL:
HOUSING : SOLDER REFLOW PROCESS COMPATIBLE LCP, UL94V-0
 - CONTACTS : HIGH PERFORMANCE COPPER ALLOY PLATING REFER TO P/N SYSTEM
 - LATCH : STAINLESS STEEL, SOLDERABLE NICKEL OVER ALL
- RoHS COMPLIANT
 - ORDER PIN SYSTEM:
U10DH38XX01X
 - Packing Options
 - T: tape&reel
 - Options (resonance damping and Latch options)
 - 0: With resonance damping
 - 1: No resonance damping
 - LATCH PIN LENGTH OPTIONS
 - 1 : SMT
 - CONTACT PLATING OPTION
 - 2:30 MICRONS OF GOLD ON MATING END WITH MATTE TIN ON SOLDER TERMINATION, NICKEL UNDERPLATE ALL OVER
 - 3:15 MICRONS OF GOLD ON MATING END WITH MATTE TIN ON SOLDER TERMINATION, NICKEL UNDERPLATE ALL OVER



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
	METRIC	DRAWN	DATE
X	±0.50	ENR	10/14/18
XXX	±0.25	DESIGNED	
XXX	±0.20	DESIGNED	
ANGLES	±0.5°	DRAWING FILE	
THE DIMENSIONS ARE PREFERED		DRAWING FILE	
RENDE SHAP ENDES		ANGLE OF PROJECTION	
UNFINISHED			
FINISHED			
METRIC	ISO		

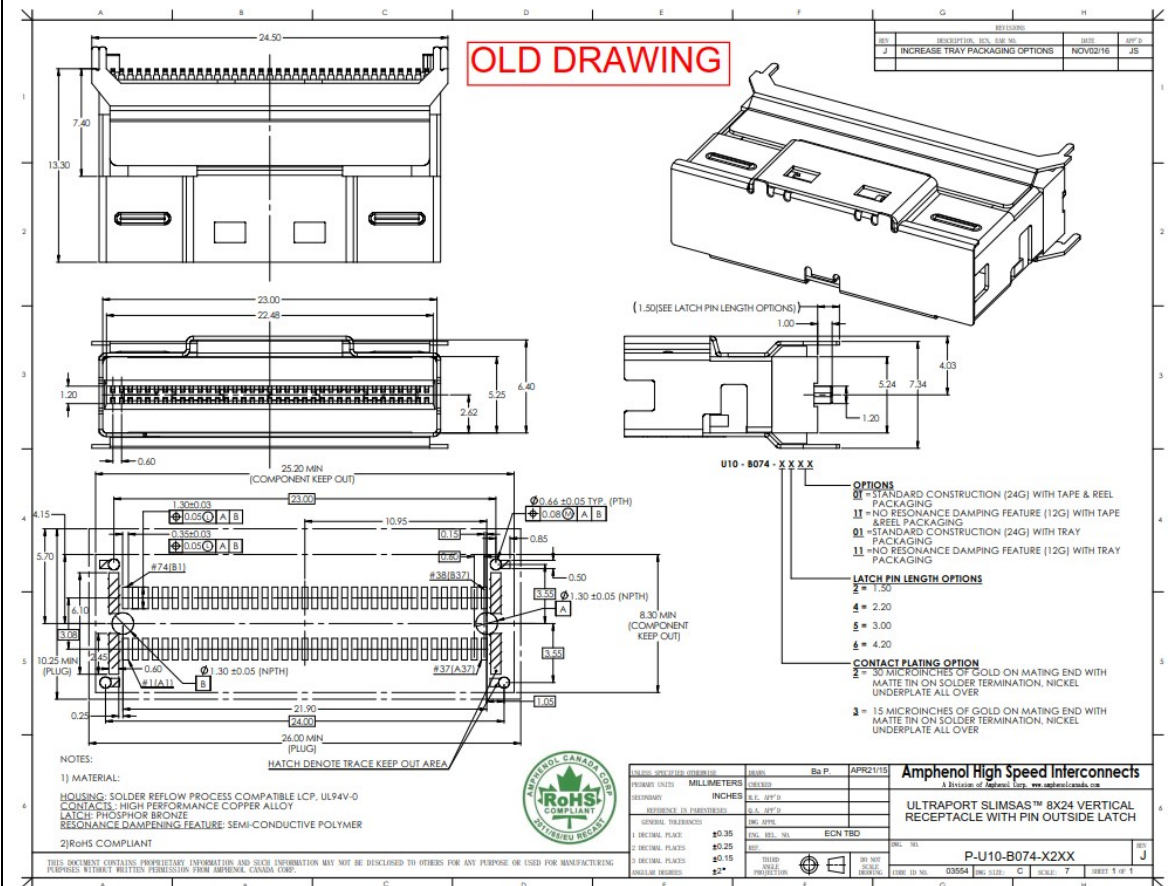
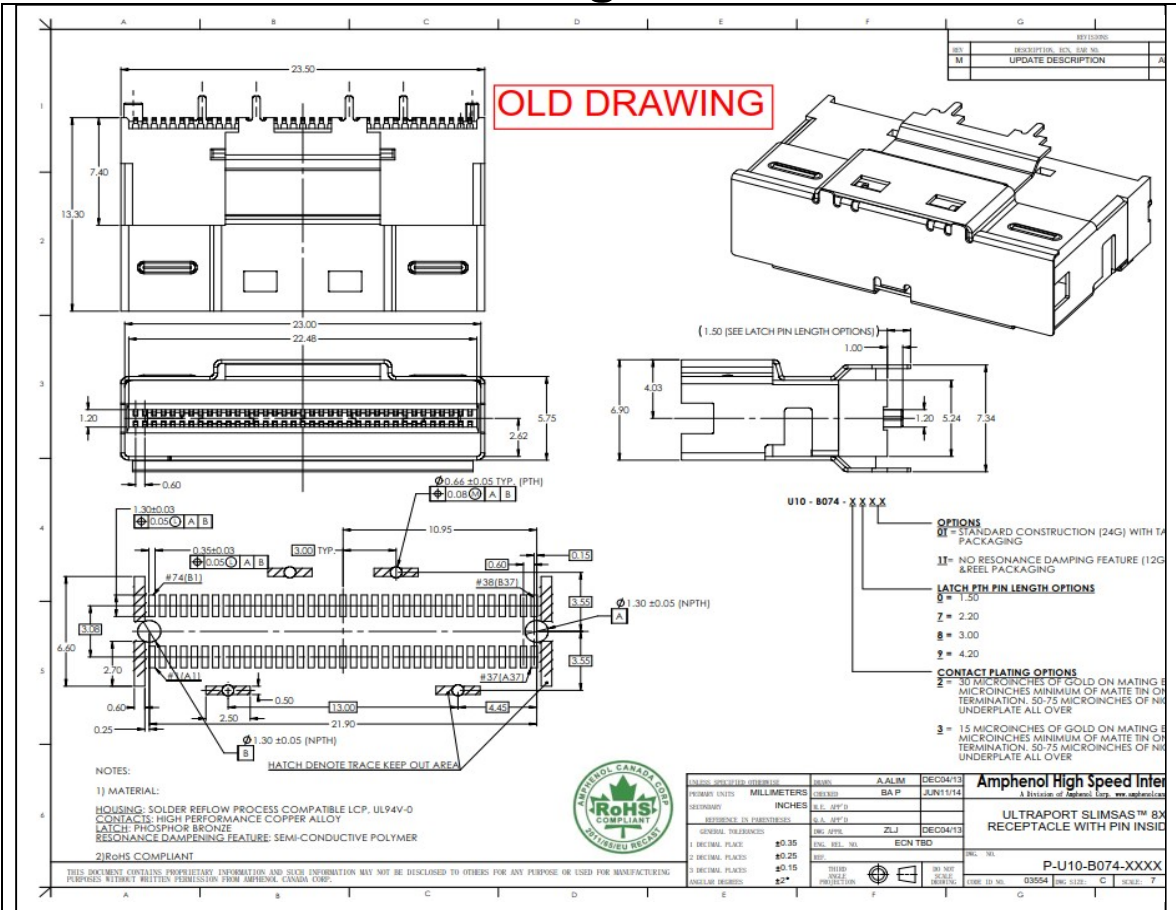
Amphenol
Amphenol East Asia Limited

TITLE: CUSTOMER DRAWING FOR SLIMLINE SAS X4 VERTICAL

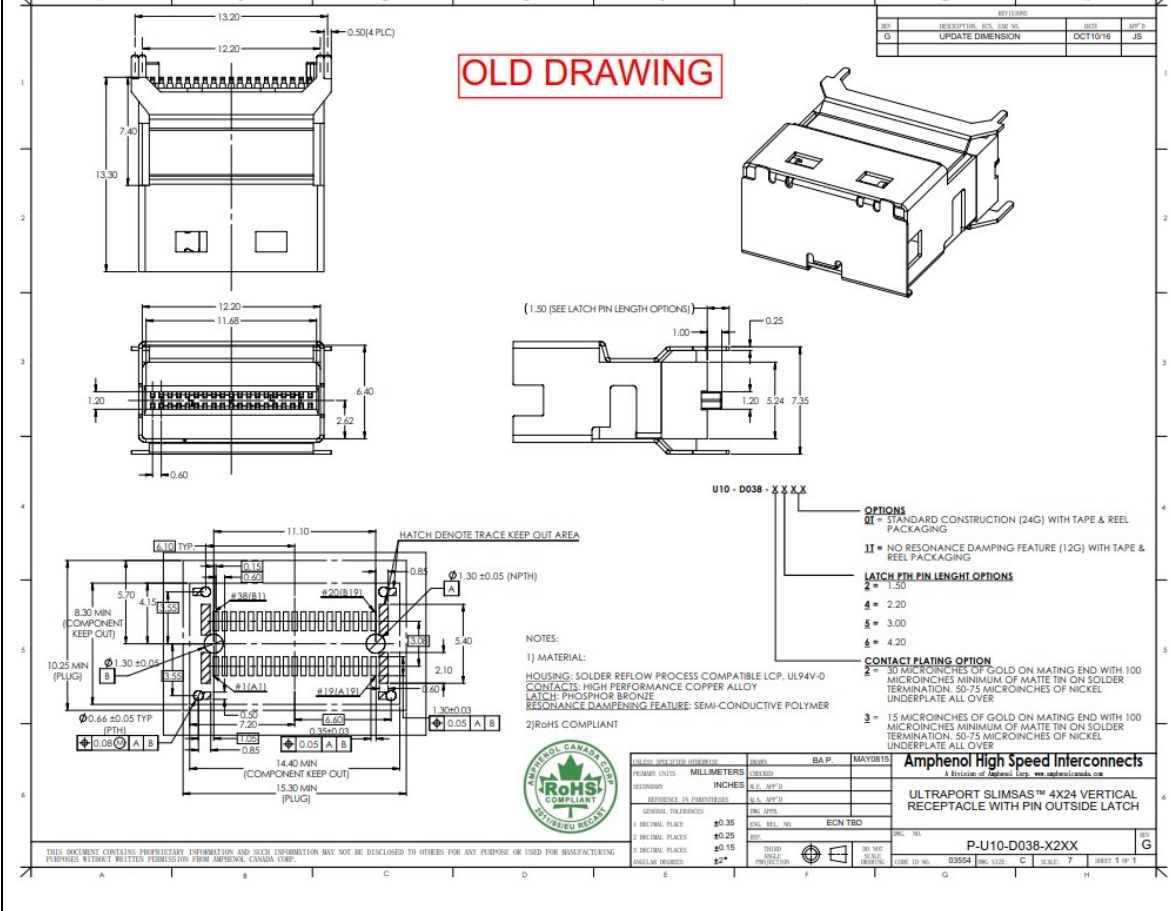
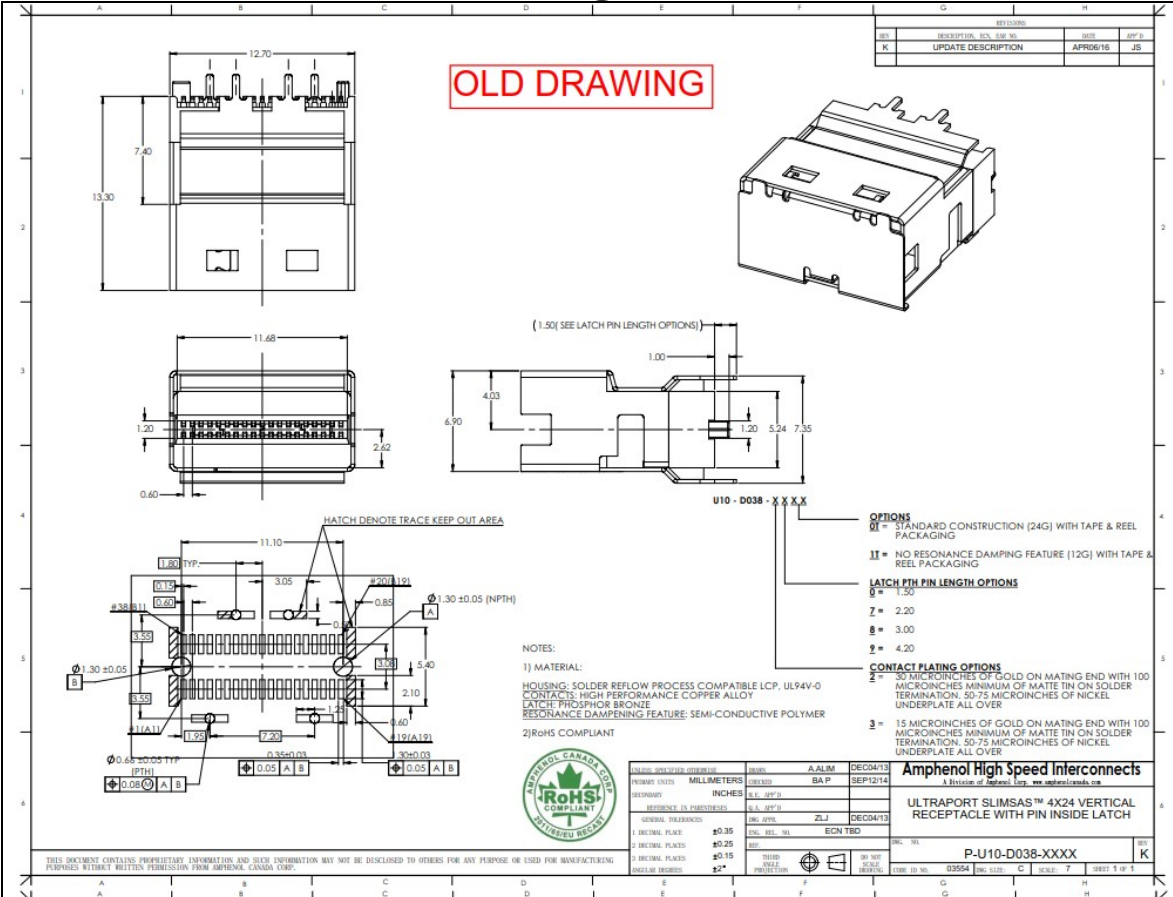
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SCALE: NONE SHEET 2 OF 2

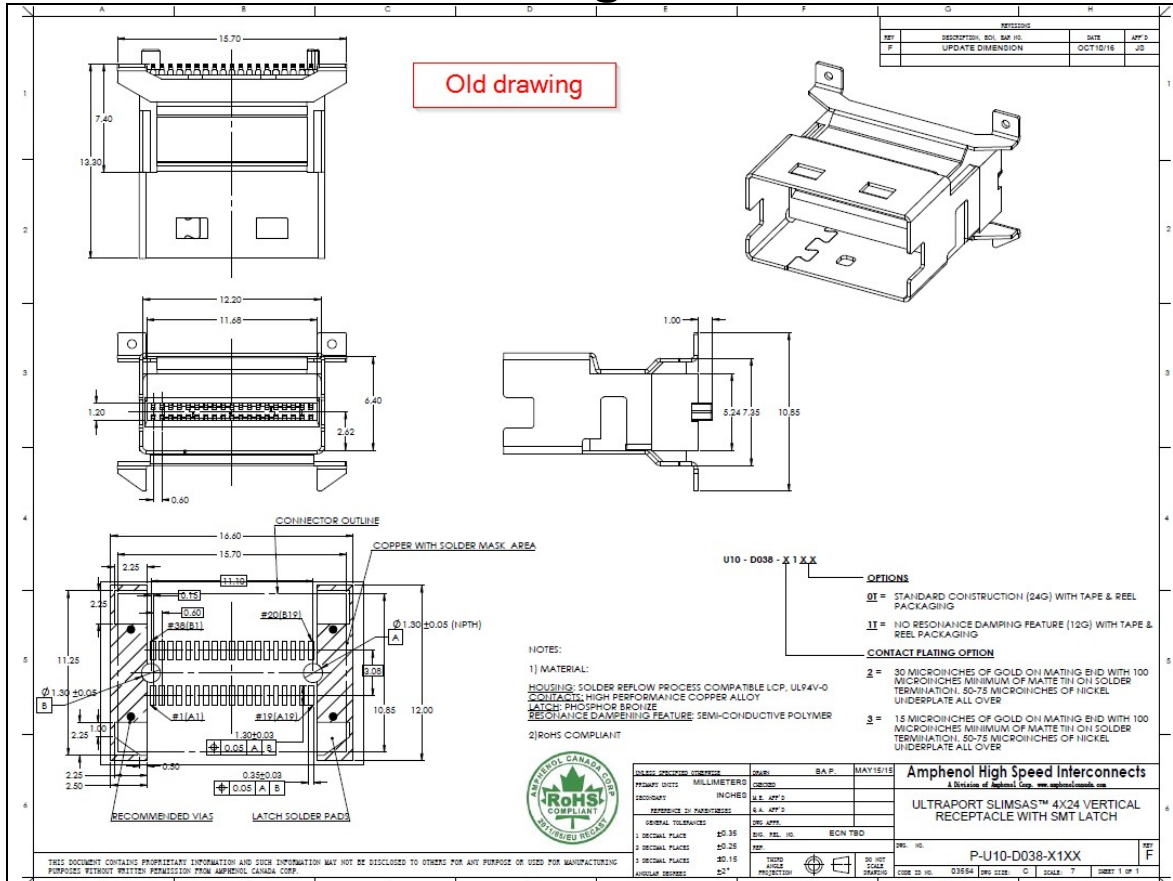
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Amphenol ICC-CMIO Product Change Notification



Implementation date:

2018/6/1

Recommended Action:

Sales to inform customers.

DOC#: P-18-00011