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## Product Change Notification (PCN)

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Issue Date: **5/30/2018**  
Modification/Revision Date: **5/30/2018**

### USB Cable

Change Notification: **PCN-US-20180503 USB Cables**

Description of changes: **Change of tooling  
Change of product specification, see page 2 for change details. See page 3 and 4 for new version drawing.**

Date of change and Implementation: **Change: 5/30/2018**

Key Characteristics of Change: **Change of product specification**

Products Affected: **AK-300116-010-S  
AK-300116-018-S**

Reason for Change: **Change of tooling**

Response: **No response to this notification is required.**

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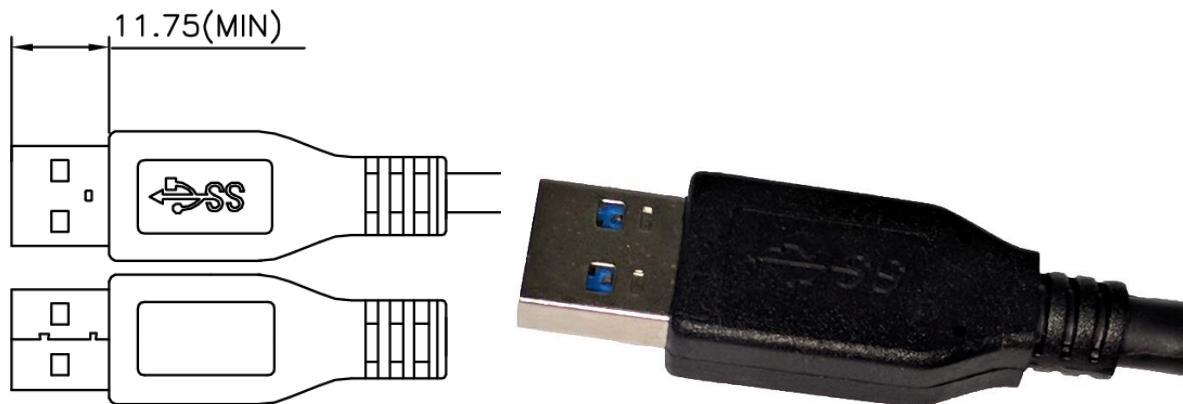
## Product Change Notification (PCN)

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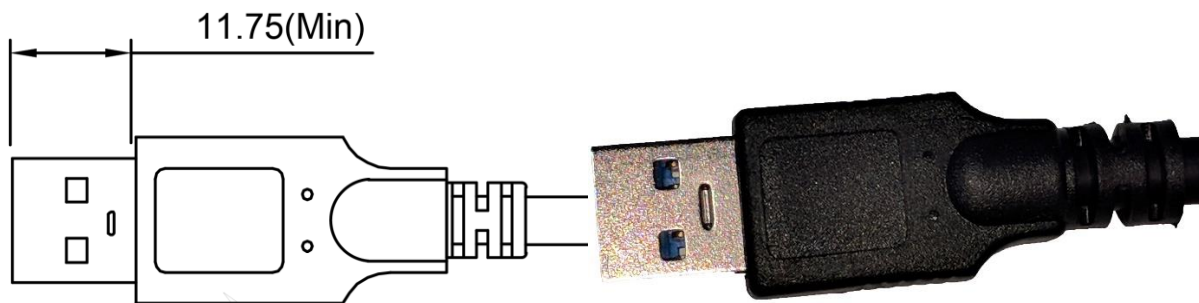
Issue Date: **5/30/2018**  
Modification/Revision Date: **5/30/2018**

### USB 3.0 AM Over-Mold Change

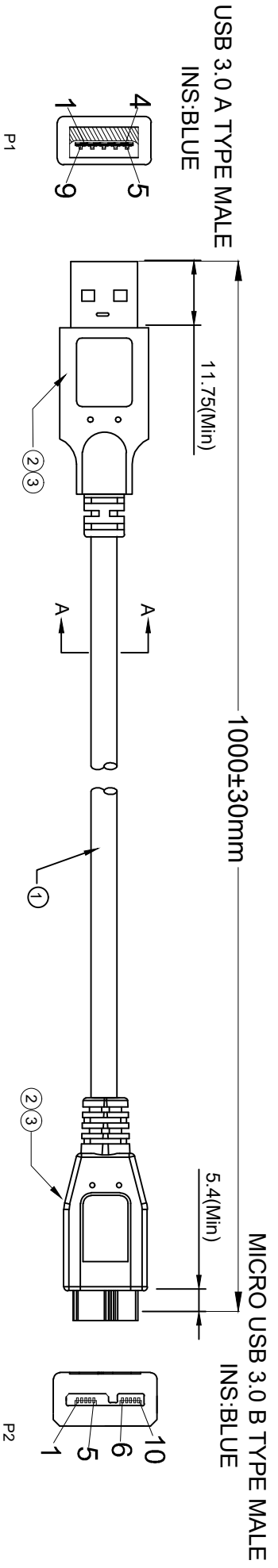
#### Previous Version:



#### New Version:



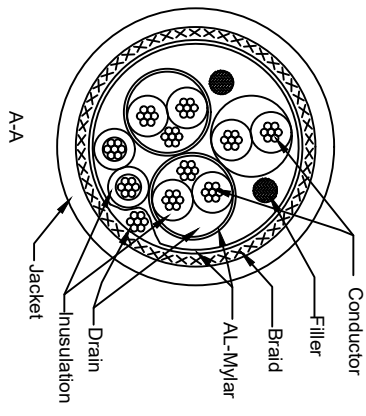
RoHS REACH Compliant



PIN ASSIGNMENT	
P1	P2
1 RED	1 VCC
2 WHITE	2 -DATA
3 GREEN	3 +DATA
4 BLACK	5 GND_PWRrt
5 BLUE	6 SDP1-
6 YELLOW	7 SDP1+
7 D.W	8 SDP1,SDP2_Drain
8 PURPLE	9 SDP2-
9 ORANGE	10 SDP2+
SHELL B.D	SHELL

- NOTES:
- 1.CABLE: UL 2725 [28AWG(7/0.127TC)\*1P+D28AWG(7/0.127TC)+AL(MN)\*2C+28AWG(7/0.127TC)\*1P+28AWG(7/0.127TC)\*2C +D28AWG(7/0.127TC)+AL(MY+B(85% COVERAGE ALM) OD=5.5±0.20mm JACKET COLOR: BLACK HIGH SPEED USB3.0 CABLE AWM STYLE 20276 80°C 30V VW-1 YWD
  - 2.CONNECTOR:
    - P1 : USB 3.0 AM, SOLDER, BLUE INSULATION, 3u GOLD PLATED CONTACTS, NICKEL PLATED SHELL
    - P2 : MICRO USB 3.0 BM, SOLDER, BLUE INSULATION, 3u GOLD PLATED CONTACTS, NICKEL PLATED SHELL
  - 3.HOOD: MOLDED TYPE,PVC 45P. COLOR:BLACK.
  - 4.ELECTRICLE TEST:
    - (1)100% OPEN SHORT & MIS WIRE TEST.
    - (2)CONTACT RESISTANCE 3 ohm Max.
    - (3)INSULATION RESISTANCE 10M ohm Min.
    - (4)HI-POT TEST:DC 300V/10ms

Cross Section:



	Date	Name
Drawn by	Mar. 2, 2017	Susan
checked by	Mar. 2, 2017	Michael
Approved by	Mar. 2, 2017	Jesse

Part No. **AK-300116-010-S**  
 EAN:4016032283287

**ASSMANN**  
Electronic GmbH

USB 3.0 AM - MICRO USB 3.0 BM CABLE

Title

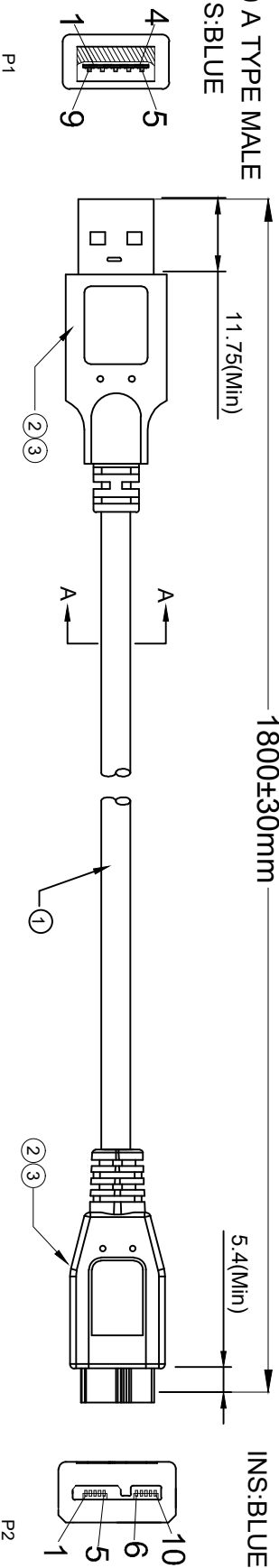
Scale	N/A	Sheet	1
Unit	MM		

1	2	3	4	5	6	7
1	2	3	4	5	6	7
H	G	F	E	D	C	B
H	G	F	E	D	C	B

RoHS REACH Compliant

USB 3.0 A TYPE MALE

INS:BLUE



MICRO USB 3.0 B TYPE MALE

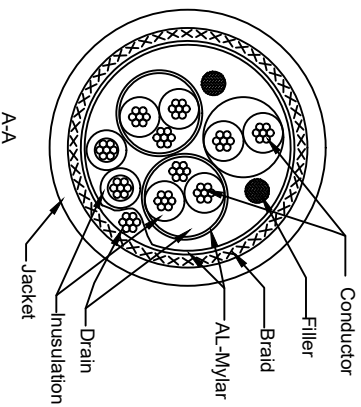
INS:BLUE

PIN ASSIGNMENT

P1	P2
1	1
2	2
3	3
4	5
5	6
6	7
7	8
8	9
9	10
SHELL	SHELL

- NOTES:
- 1.CABLE: UL 2725 [28AWG(7/0.122TC)\*1P+D28AWG(7/0.122TC)+AL/MY]2C+28AWG(7/0.122TC)\*1P+28AWG(7/0.122TC)\*2C +D28AWG(7/0.122TC)+AL/MY+B(85% COVERAGE ALM) OD=5.5±0.20mm JACKET COLOR: BLACK HIGH SPEED USB3.0 CABLE AWM STYLE 20276 80°C 30V VW-1 YWID
  - 2.CONNECTOR: P1 : USB 3.0 A/M, SOLDER, BLUE INSULATION, 3u GOLD PLATED CONTACTS, NICKEL PLATED SHELL P2 : MICRO USB 3.0 B/M, SOLDER, BLUE INSULATION, 3u GOLD PLATED CONTACTS, NICKEL PLATED SHELL
  - 3.HOOD: MOLDED TYPE PVC 45P, COLOR:BLACK.
  - 4.ELECTRICLE TEST: (1)100% OPEN SHORT & MIS WIRE TEST. (2)CONTACT RESISTANCE 3 ohm Max. (3)INSULATION RESISTANCE 10M ohm Min. (4)HIPOT TEST:DC 300V/10ms

Cross Section:



Drawn by	Date	Name
checked by		Susan
Approved by		Michael
		Jesse

Part No. **AK-300116-018-S**  
 EAN:4016032283294

Title

USB 3.0 A/M - MICRO USB 3.0 B/M CABLE

Scale	N/A	Sheet	1
Unit	MM		

**ASSMANN**  
Electronic GmbH

1 2 3 4 5 6 7

H G F E D C B A