

## PCN – Process Change Notification

Change:	MA520.A.BC.008
Date:	2017/12/26
Author	Rachel Wu

### Affected Products

Model#	Part Number	Changes
MA.520 Hercules Cellular WiFi 2.4~5GHz Antenna Cellular- 2M RG316 SMA(M) ST 2.4/5GHz- 2M RG316 RP-SMA(M) ST	MA520.A.BC.008	<ol style="list-style-type: none"> <li>1. Amend heat shrink tube tolerance.</li> <li>2. Modify the PART NO.</li> <li>3. Modify the label material</li> <li>4. Modify the tolerance.</li> <li>5. Add dimension size.</li> </ol>

### Type of Change

- Hardware Modification  
 Production Process Advance  
 Others –Modify the the PART NO & label material.  
     Amend heat shrink tube tolerance.  
     Add dimension size.

### Description of Change

1. Amend heat shrink tube tolerance. (17±5->17 REF)
2. Modify the PART NO. (MA.520.A.BC.008->MA520.A.BC.008)
3. Modify the label material (Coated Paper->PEPA)
4. Modify the tolerance.
5. Add dimension size.

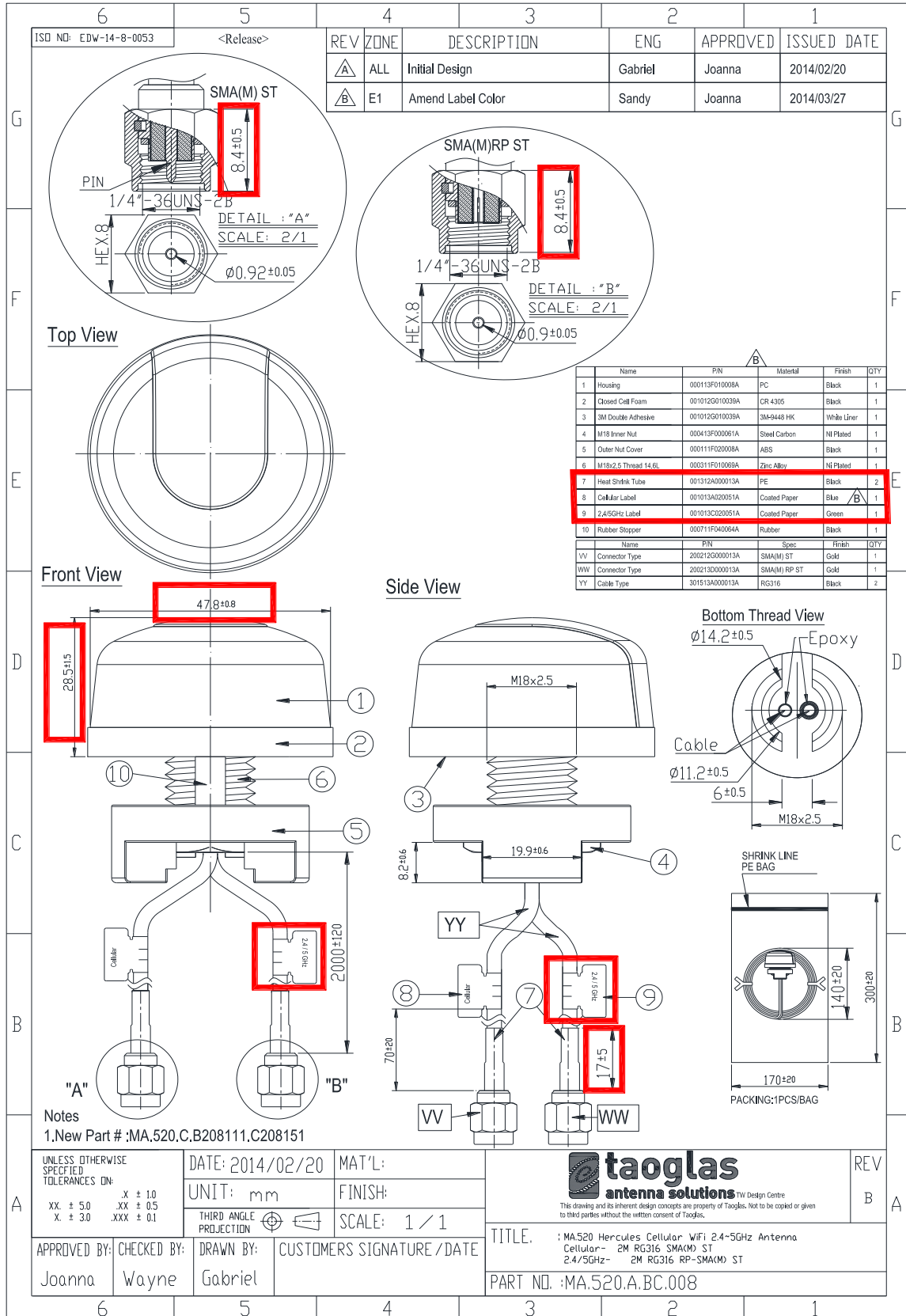
### Schedule

2017, December, Taoglas will provide new drawing rule into production.

### Forecast Estimated Transition Date

**December /2017**

### Illustration of Change Old Drawing



New Drawing

6	5	4	3	2	1
ISO NO: EDW-14-8-0053		REV ZONE		DESCRIPTION	ENG APPROVED ISSUED DATE
<Release>		△ ALL		Initial Design	Gabriel Joanna 2014/02/20
		△ ALL		Amend Label Color	Sandy Joanna 2014/03/27
		△ ALL		Amend heat shrink tube tolerance. Modify the PART NO, label material, tolerance, add dimension size. (ECR-17-8-170)	Rachel Paul 2017/11/02

**Top View**

**Bottom Thread View**

**Front View**

**Side View**

**Detail A**  
Scale: 2:1

**Detail B**  
Scale: 2:1

Amend heat shrink tube tolerance. Modify the PART NO, label material, tolerance, add dimension size.

Name	P/N	Material	Finish	QTY
1 Housing	000113F020008A	PC	Black	1
2 Double Sided Adhesive (Black Foam)	001012G010039A	3M 9448HK+CR4305	White Liner	1
3 Metal Base	000311F010069A	Zinc Alloy	Ni Plated	1
4 Rubber Stopper	000711F040064A	Silicone Rubber	Black	1
5 Outer Nut Cover	000111F020008A	ASA	Black	1
△ 6 M18 Inner Nut Cut	000413F010061A	Steel Carbon	Zn Plated	1
△ 7 Heat Shrink Tube	001315F010000A	PE	Black	2
△ 8 Cellular Label	001013A020051A	PEPA	Blue	1
△ 9 2.4/5.8 GHz Label	001016G070000A	PEPA	Teal Green	1

Name	P/N	Material	Finish	QTY
xx Cable Type	301515C000000A	FEP	Black	2
yy Connector Type	Z00212G000013A	SMA(M)ST	Au Plated	1
zz Connector Type	Z00213D000013A	RP-SMA(M)ST	Au Plated	1

Notes  
1. New Part # :MA.520.C.B208111.C208151

UNLESS OTHERWISE SPECIFIED TOLERANCES ON: .X± 0.2 XX± 0.1 X.X± 0.3 XXX± 0.05	DATE: 2014/02/20	MAT'L:		REV
	UNIT: mm	FINISH:		
THIRD ANGLE PROJECTION	SCALE: 1/1.25	TITLE: MA.520 Hercules Cellular WiFi 2.4~5GHz Antenna Cellular- 2M RG316 SMA(M) ST 2.4/5GHz- 2M RG316 RP-SMA(M) ST		
APPROVED BY: Joanna	CHECKED BY: Wayne	DRAWN BY: Gabriel	PART NO. : MA520.A.BC.008 △	
CUSTOMERS SIGNATURE / DATE				