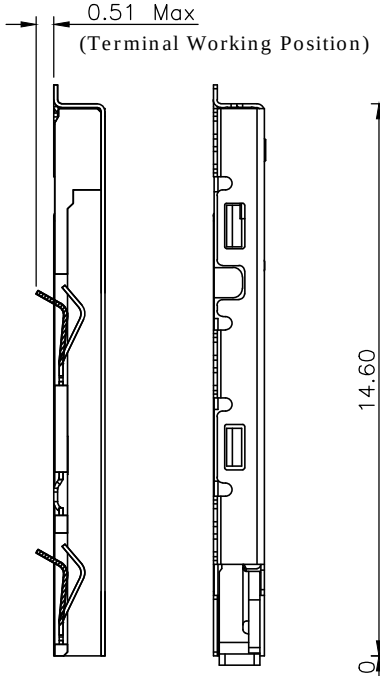
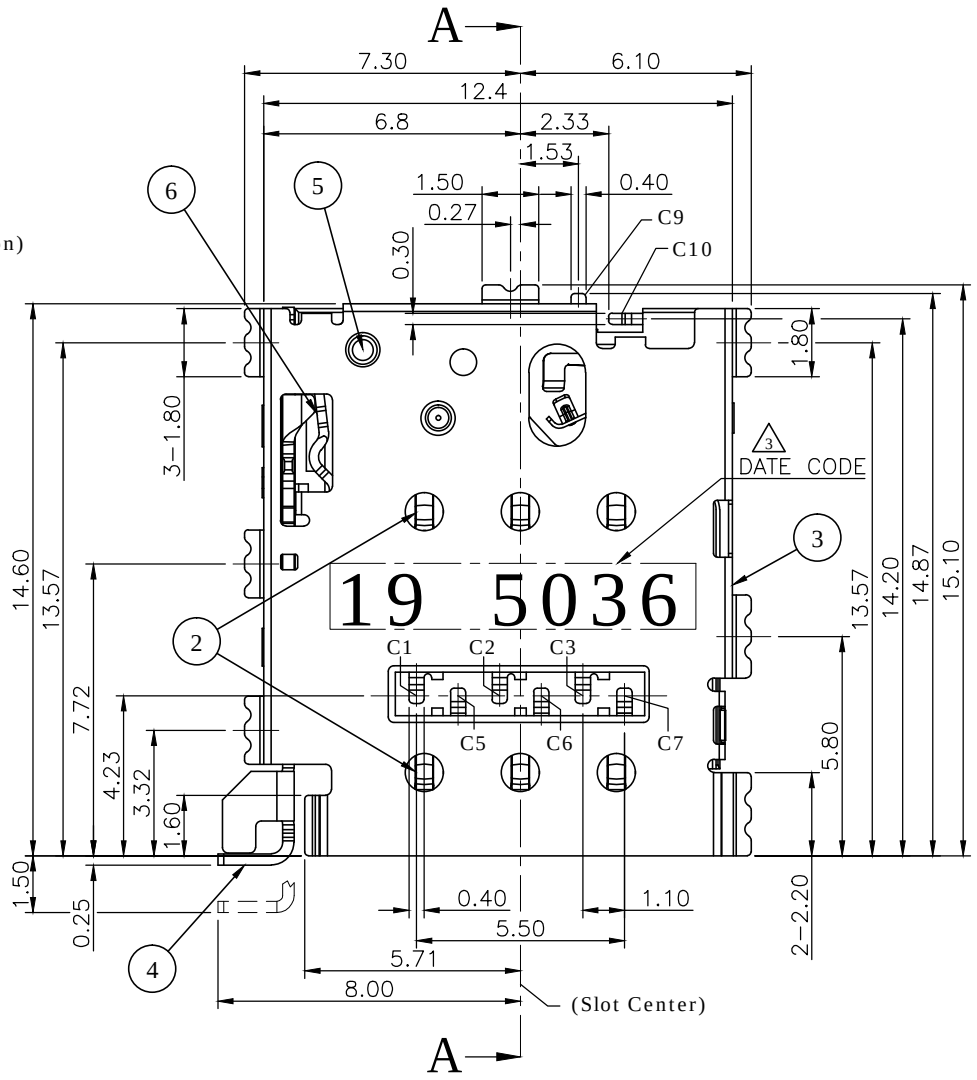
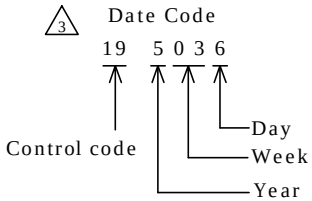
This part is a connector only, it should be used together with Nano SIM Tray

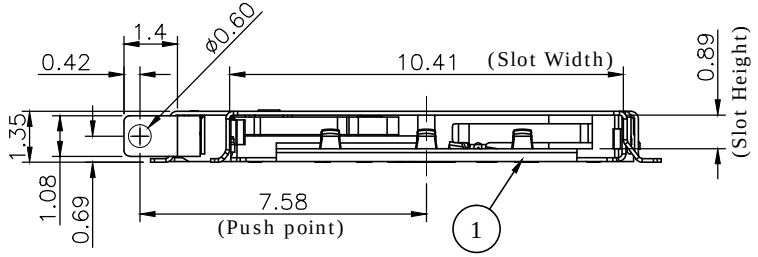
REV.	DESCRIPTION	DRAWN	DATE
3	Revised date code spec.	FROS	2016/11/07
4	Add metal tray layout	FROS	2018/11/14
5	ECR2200009	TIM	2022/11/30





Section A-A





SPECIFICATION:

1. ELECTRICAL
1.1 Current Rating: 0.2A max.
1.2 Voltage Rating: 10VAC/DC
1.3 Contact Resistance: 50mΩ
1.4 Insulation Resistance: 1000MΩ
1.5 Dielectric Withstanding Voltage: 500VAC

2. MECHANICAL
2.1 Durability: 2,000 Cycles
2.2 Tray Insertion Force: 20N max.
2.3 Tray Extraction Force: 3N min.
2.4 Contact Normal Force: 40gf min. per pin

3. ENVIRONMENTAL
3.1 Operating temperature range: -30℃~+85℃
3.2 Storage temperature range: -40℃~+85℃

4. SOLDER ABILITY
4.1 Recommended IR Reflow(Wave Soldering) Temperature: 260℃

NO.	PART NAME	DESCRIPTION
6	Latch	SUS301-H, 0.25T
5	Cam	SUS301-1/2H, 0.5T
4	Lever	SUS301-H, 0.3T
3	Shell	SUS301-H, 0.1T, Tail area: 0.8u" Au min. Under-plated: 50u" Ni min.
2	Contact	MKT322-ESH, 0.1T, Contact area: 8u" Au Min. Tail area: 0.8u" Au min., Under-plated: 40u" Ni min.
1	Insulator	LCP S475+30%GF, UL94V-0, Black

UNLESS OTHERWISE SPECIFIED TOLERANCE

UNIT:	DECIMAL	LINEAR	ANGLES
mm	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°

ATTEND
WWW.ATTEND.COM.TW

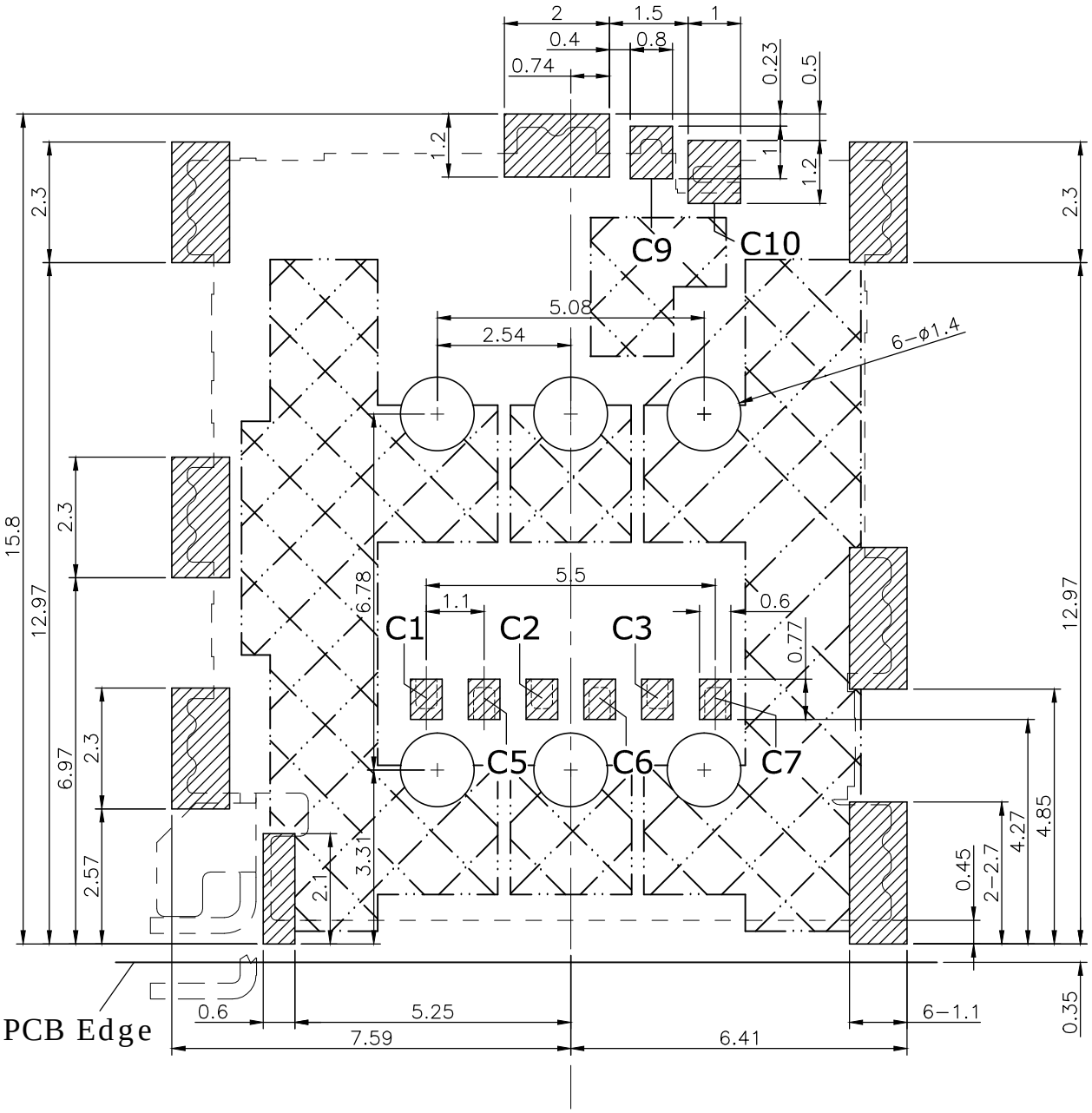
DRAWN	Fros	2015/07/01
CHECKED	Zola	2015/07/01
APPROVED	Ken	2015/07/01

DRAWN NAME: Nano SIM Socket, Top Mount, Eject Type, H1.35, Combination With Tray

SCALE	SHEET	SIZE	PRODUCT NO.	115S-ACA0
5/1	1/6	A4	FILE NAME	115S-ACA0_B_5

Downloaded from Arrow.com.

REV.	DESCRIPTION	DRAWN	DATE
	SEE SHEET ONE		



Remark:

— — — Socket Boundary

Solder Pad

Through Hole (Required)

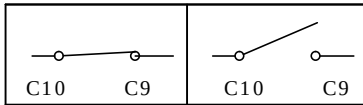
Pattern Keep Out Area

Pin Assignment

C1	Vcc
C2	RST
C3	CLK
C5	GND
C6	Vpp
C7	I/O
C9	Detect Switch
C10	Detect Lever

Switch Circuit

(Detect by tray not SIM card)



Tray Inserted	Tray Ejected

UNLESS OTHERWISE SPECIFIED TOLERANCE

UNIT:	DECIMAL	LINEAR	ANGLES
mm	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°

ATTEND

WWW.ATTEND.COM.TW

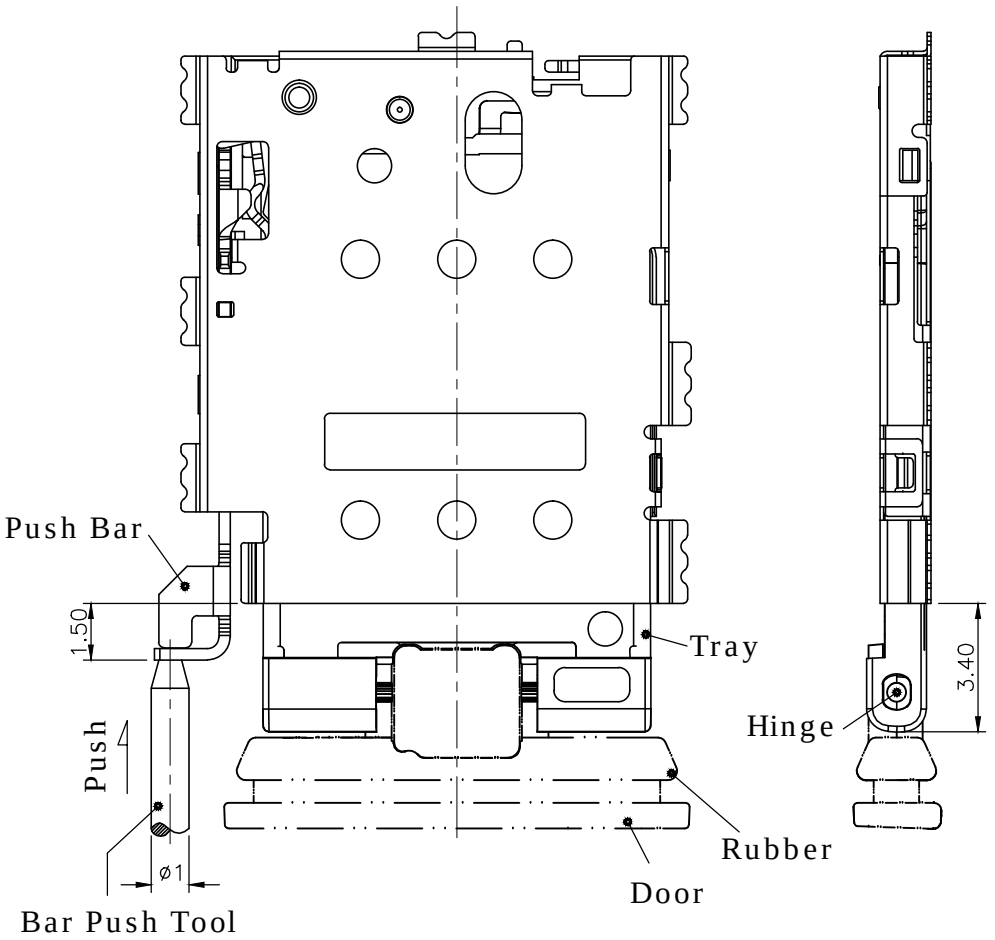
DRAWN	Fros	2015/07/01
CHECKED	Zola	2015/07/01
APPROVED	Ken	2015/07/01

DRAWN NAME: Nano SIM Socket, Top Mount, Eject Type, H1.35, Combination With Tray

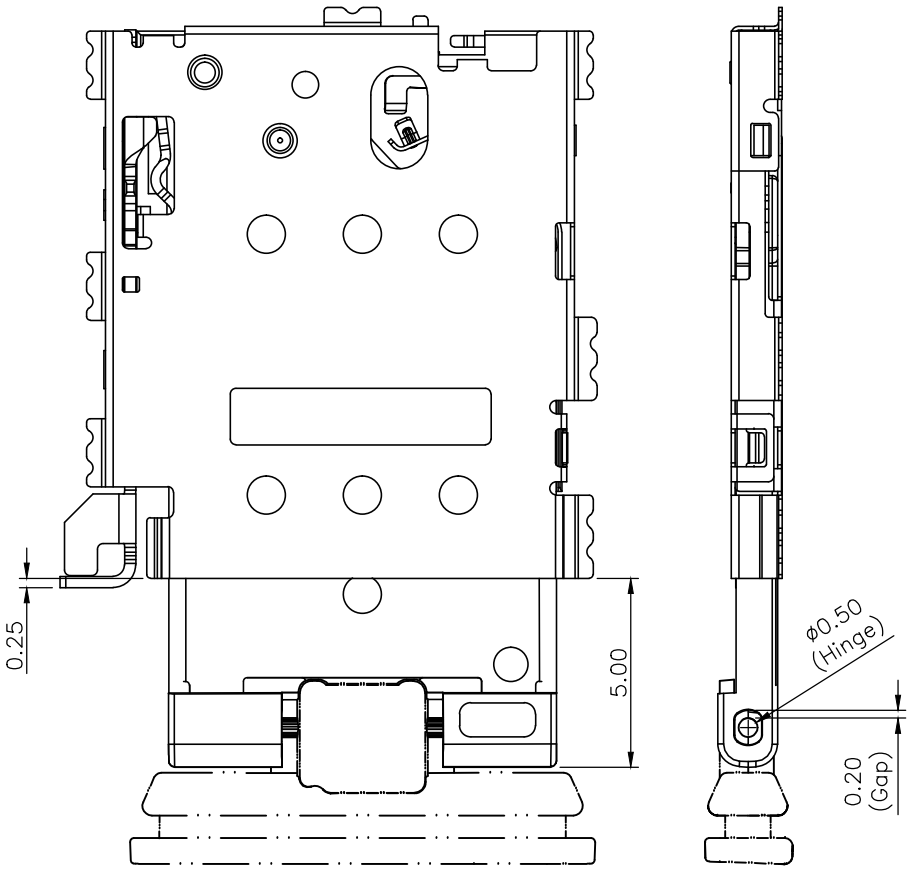
SCALE 5/1	SHEET 2/6	SIZE A4	PRODUCT NO. 115S-ACA0
			FILE NAME 115S-ACA0_B_5

Downloaded from Arrow.com.

REV.	DESCRIPTION	DRAWN	DATE
	SEE SHEET ONE		



115S-ACA0 with 115S-ACA1
Tray insertion dimension drawing



115S-ACA0 with 115S-ACA1
Tray ejection dimension drawing

Part description
Hinge, rubber and door are made and assembled by the client

Hinge: The connection between tray and door (P/N: 115-00001)
Rubber: Waterproof function
Door: Design by the client
Bar Push Tool: Design by the client or (P/N: 115-00002)

Tray ejecting types notes:
1. Pull out the door/ tray directly
2. Push the BAR PUSH linkage mechanism

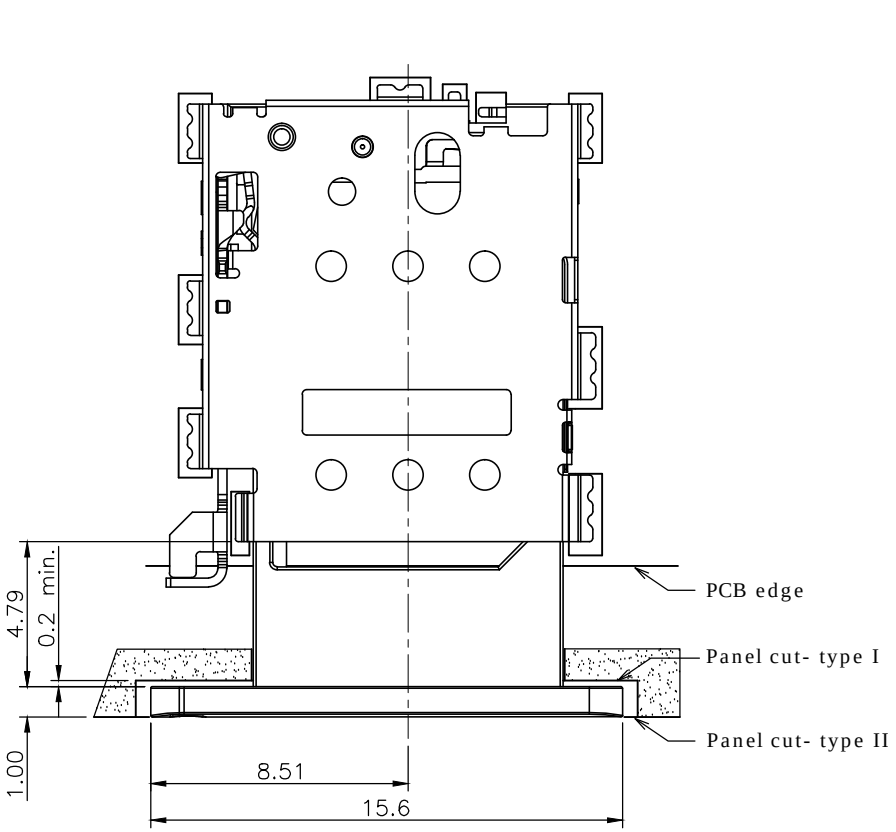
UNLESS OTHERWISE SPECIFIED TOLERANCE				ATTEND
UNIT: mm	DECIMAL	LINEAR	ANGLES	
	X.	±0.50	±5°	
	X.X	±0.25	±3°	
	X.XX	±0.12	±1°	WWW.ATTEND.COM.TW

DRAWN	Fros	2015/07/01	DRAWN NAME: Nano SIM Socket, Top Mount, Eject Type, H1.35, Combination With Tray
CHECKED	Zola	2015/07/01	
APPROVED	Ken	2015/07/01	PRODUCT NO. 115S-ACA0
SCALE 5/1	SHEET 3/6	SIZE A4	FILE NAME 115S-ACA0_B_5

Downloaded from Arrow.com.

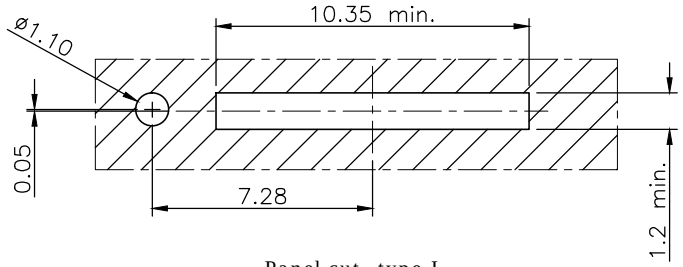
REV.	DESCRIPTION	DRAWN	DATE
	SEE SHEET ONE		

Recommendation:
Suggested panel cut (Type I/II) can lead the push bar to touch and press precisely lever. If the design does not follow this instruction, a track for the push bar should be considered for the designer to prevent the deviation of the entry of the push bar.

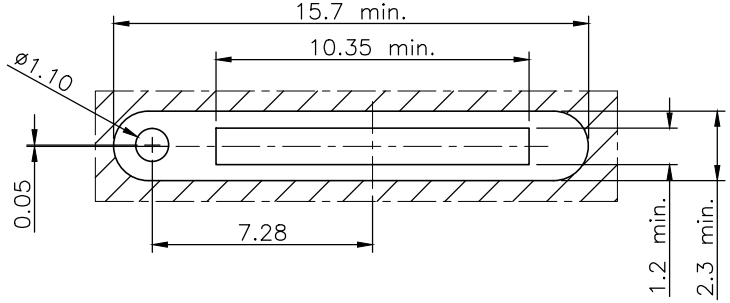


115S-ACA0 with 115S-ACA2

Tray ejecting types notes:
1. Pull out the door/ tray directly
2. Push the BAR PUSH linkage mechanism



Panel cut- type I



Panel cut- type II

UNLESS OTHERWISE SPECIFIED TOLERANCE			
UNIT: mm	DECIMAL	LINEAR	ANGLES
	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°

ATTEND
WWW.ATTEND.COM.TW

DRAWN	Fros	2015/07/01
CHECKED	Zola	2015/07/01
APPROVED	Ken	2015/07/01

DRAWN NAME: Nano SIM Socket, Top Mount, Eject Type, H1.35, Combination With Tray

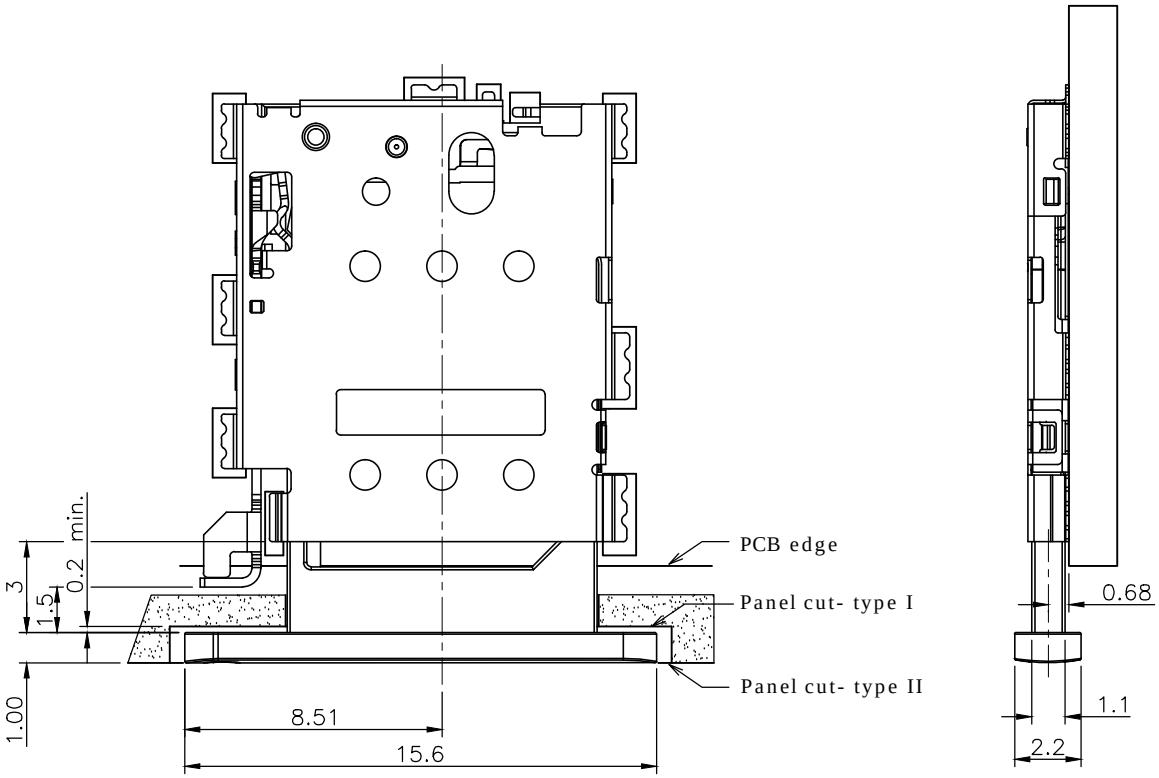
SCALE 4/1	SHEET 4/6	SIZE A4	

PRODUCT NO.	115S-ACA0
FILE NAME	115S-ACA0_B_5

Downloaded from Arrow.com.

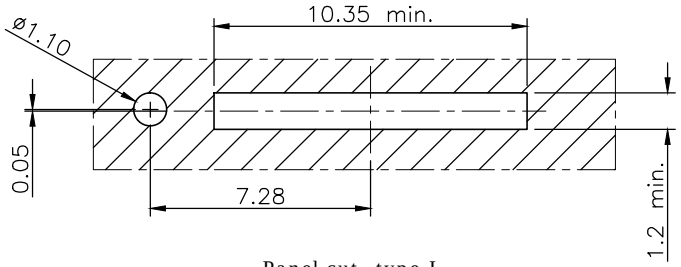
REV.	DESCRIPTION	DRAWN	DATE
	SEE SHEET ONE		

Recommendation:
Suggested panel cut (Type I/II) can lead the push bar to touch and press precisely lever. If the design does not follow this instruction, a track for the push bar should be considered for the designer to prevent the deviation of the entry of the push bar.

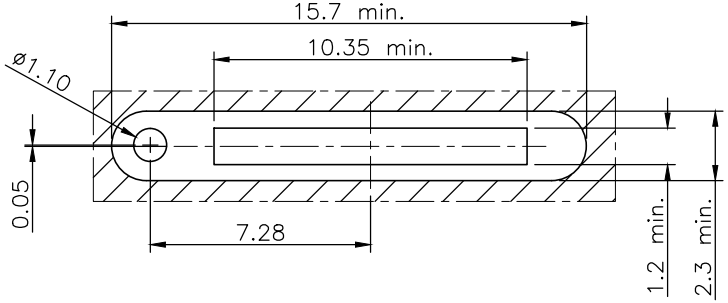


115S-ACA0 with 115S-ACA3

Tray ejecting types notes:
1. Pull out the door/ tray directly
2. Push the BAR PUSH linkage mechanism



Panel cut- type I



Panel cut- type II

UNLESS OTHERWISE SPECIFIED TOLERANCE			
UNIT: mm	DECIMAL	LINEAR	ANGLES
	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°

ATTEND
WWW.ATTEND.COM.TW

DRAWN	Fros	2015/07/01
CHECKED	Zola	2015/07/01
APPROVED	Ken	2015/07/01

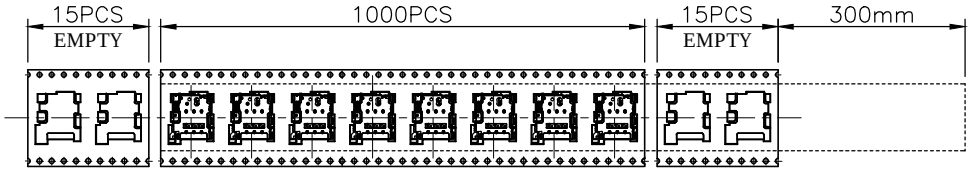
DRAWN NAME: Nano SIM Socket, Top Mount, Eject Type, H1.35, Combination With Tray

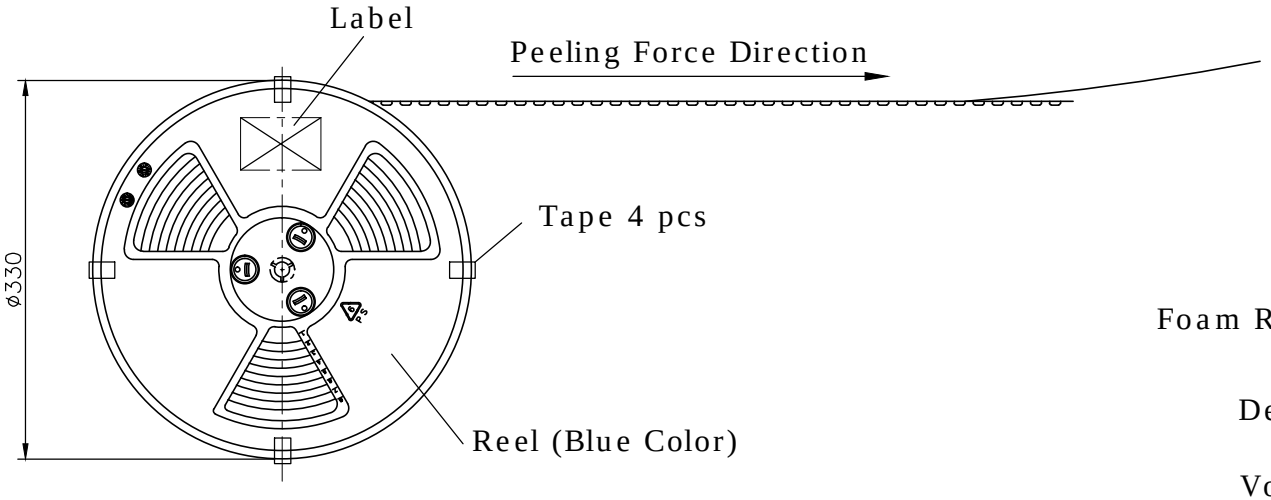
SCALE 4/1	SHEET 5/6	SIZE A4	

PRODUCT NO.	115S-ACA0
FILE NAME	115S-ACA0_B_5

Downloaded from Arrow.com.

REV.	DESCRIPTION	DRAWN	DATE
	SEE SHEET ONE		

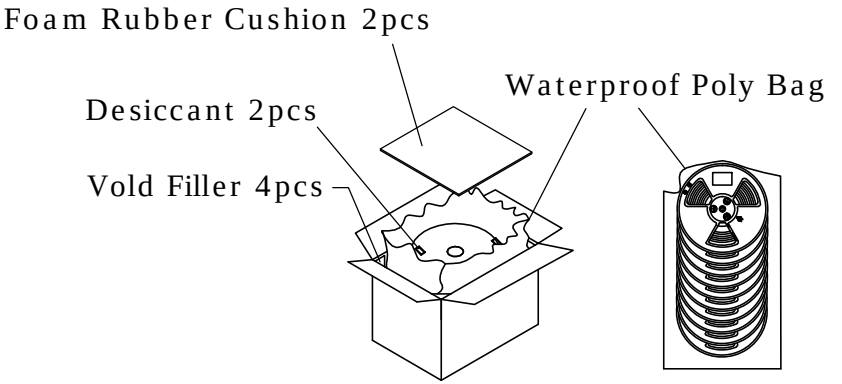




PACKAGING SPECIFICATION:

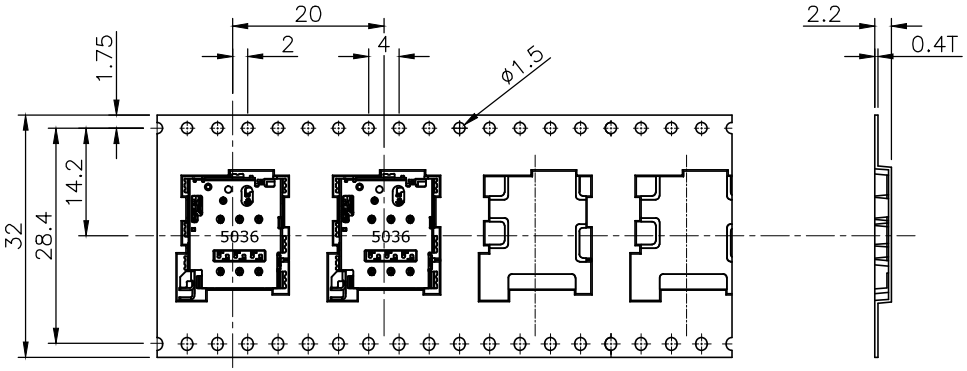
1. MATERIAL
1.1 Embossed Carrier Tape: PS Black
1.2 Top Cover Tape: PET
20-130g(Peel Speed 300mm/Minute)
Peeling angle: 165° to 180°
1.3 Taping Reel: Plastic

2. PACKING
2.1 Quantity:
1,000Piece/ Reel
9 Reel (9,000Piece)/ Carton



Cartion: 340*W340*H355

Total 9 Reels



2 CARRIER TAPE

UNLESS OTHERWISE SPECIFIED TOLERANCE			
UNIT: mm	DECIMAL	LINEAR	ANGLES
	X.	±0.50	±5°
	X.X	±0.25	±3°
	X.XX	±0.12	±1°

ATTEND

WWW.ATTEND.COM.TW

DRAWN	Fros	2015/07/01
CHECKED	Zola	2015/07/01
APPROVED	Ken	2015/07/01

DRAWN NAME: Nano SIM Socket, Top Mount, Eject Type, H1.35, Combination With Tray

SCALE N/A	SHEET 6/6	SIZE A4	PRODUCT NO. 115S-ACA0
			FILE NAME 115S-ACA0_B_5

Downloaded from Arrow.com.