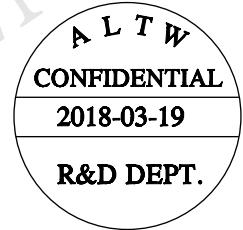
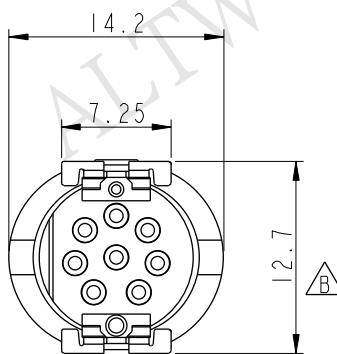
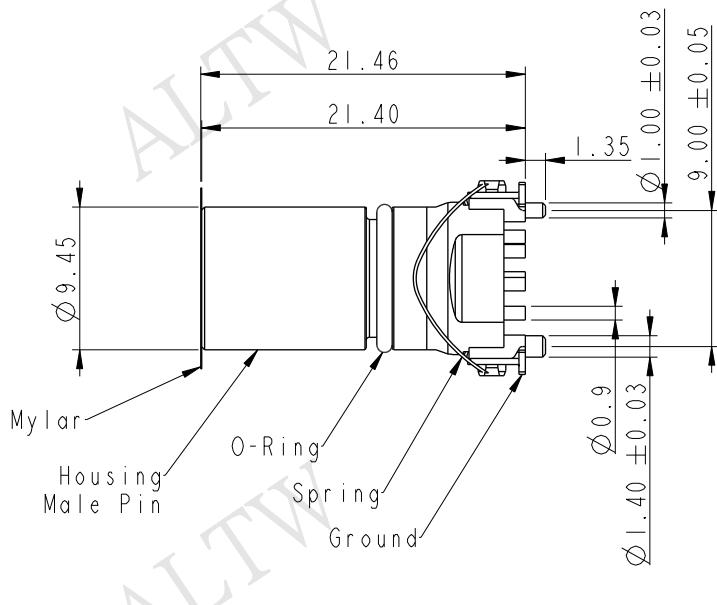


1	2	3	4	5	6	7	8
F				REV.	ECN NO.	DATE	SIGN
E	A	Initial Release	2017/12/16	Arvin Chan	Change Rev.01 To Rev.A		

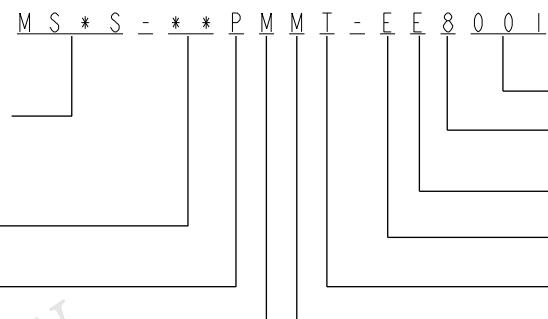


MSAS: M12 A Code Shield
MSBS: M12 B Code Shield
MSDS: M12 D Code Shield

03: 3Pin
04: 4Pin
05: 5Pin
08: 8Pin

P: Panel

M: Male Connector



001: Serial Number

8: IP68(Mated, 1M/24Hours)
IP65(Unmated)

E: None Back Shell

E: None Mating Style

T: SMT Type

M: Male Pin

Note:

- * **I**mportant Dimension,
- Material Specification :
- * Housing : Thermoplastic
- * Male Pin : Copper Alloy, Gold Plated
- * Ground : Copper Alloy, Tin Plated
- * Spring : Stainless Steel
- * O-Ring : Silicone, Gray
- Electrical Specification :
- * Contact Resistance : $10m\Omega$ Max.
- * Insulation Resistance : $100M\Omega$ min.
- * Dielectric Withstanding Voltage : 1KV
- * Rated Voltage : 3Pin, 4Pin 250V d.c. or a.c.
5Pin 60V d.c. or a.c.
8Pin 30V d.c. or a.c.
- * Rated Current : 3Pin, 4Pin & 5Pin 4A
8Pin 2A

Mechanical Specification :

- * Durability : 1000 Cycles(IEC : 100 Cycles)

Environmental Specification :

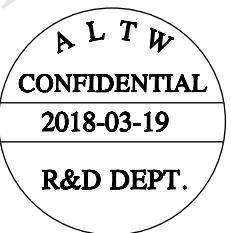
- * Temperature Range : $-55\text{~}125^\circ\text{C}$
- * Salt Spray : 48h
- * SMT Temperature & Time : $260^\circ\text{C}/5\text{Sec}$
- * SMT Paste : 0.12mm min.

UNIT:mm		
TOLERANCE	± 0.25	
.X	± 0.1	
.XX	± 0.05	
.XXX	± 0.05	
ANGLES	$\pm 1^\circ$	

TITLE MI2 M CONN M PIN SMT TYPE			
SCALE	SIZE	SHEET	OF
1:1	A4	1	4
REV. B	WC-REV. A.2	(QC) Inspection item	

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ITEM NO	DRAWN BY	DATE
MSXS-XXPMMT-EE8XXX	Jason Yu	2018/03/19
CUSTOMER	CHECKED BY	DATE
ALTW	Arvin Chan	2018/03/19
APPROVED BY		DATE
Kevin Hu		2018/03/19

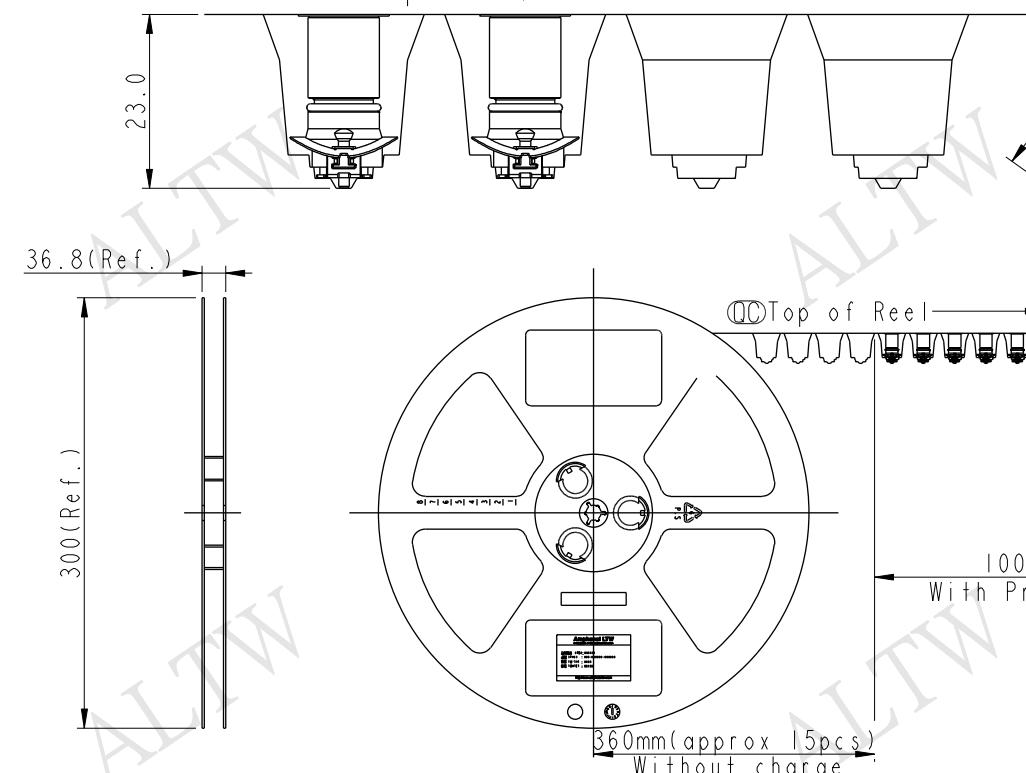
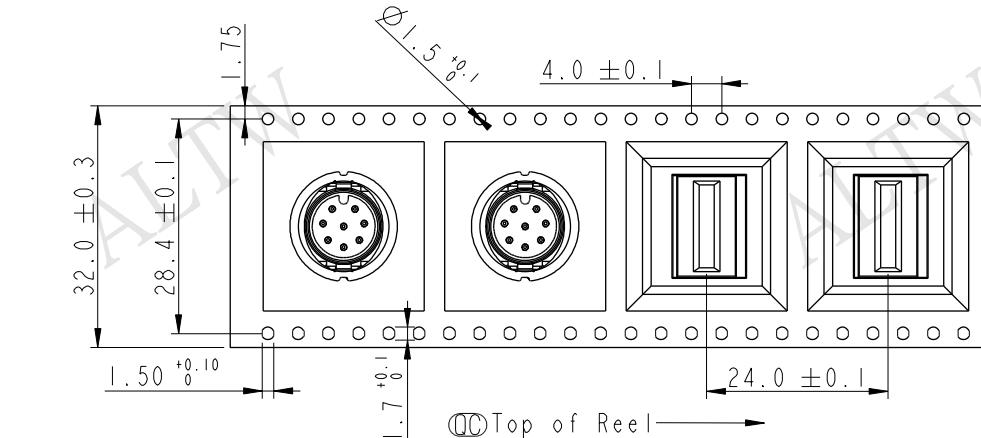


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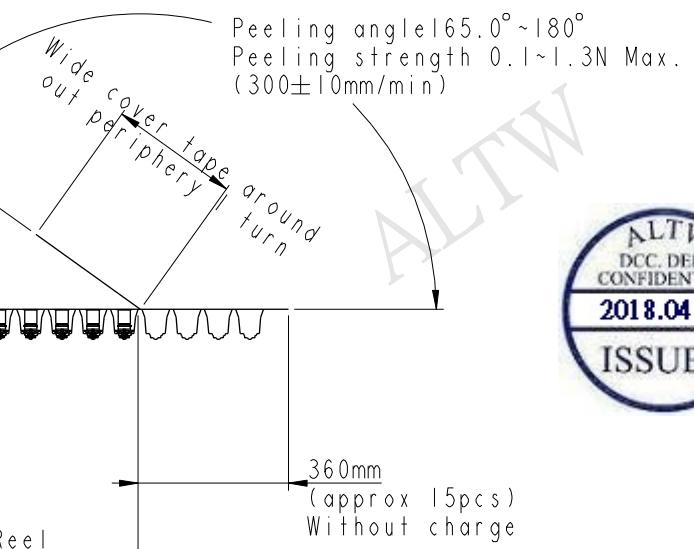
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	1	2	3	4	5	6	7	8
F								
D Code 3Pin		D Code 4Pin		D Code 5Pin				
E								
B Code 3Pin		B Code 4Pin		B Code 5Pin				
D								
C	A Code 3Pin	A Code 4Pin	A Code 5Pin	A Code 8Pin				
B								
A	UNIT:mm	TITLE: M12 M CONN M PIN SMT TYPE	ITEM NO.	DRAWN BY: Jason Yu	DATE: 2018/03/19			
	TOLERANCE: .X ±0.25, .XX ±0.1, .XXX ±0.05, ANGLES: ±1°	SCALE: 1:1, SIZE: A4, SHEET 2 OF 4, REV. B, WC-REV. A.3, QC: Inspection item	DWG NO: MSXS-XXPMMT-EE8XXX, CUSTOMER: ALTW	CHECKED BY: Arvin Chan	DATE: 2018/03/19			
			CUSTOMER APPROVED BY: Kevin Hu	DATE: 2018/03/19				

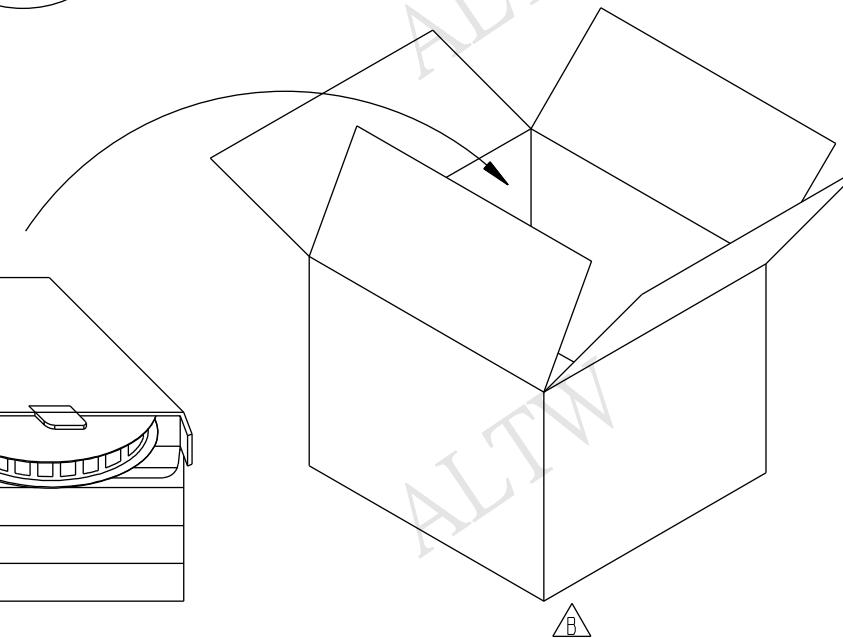
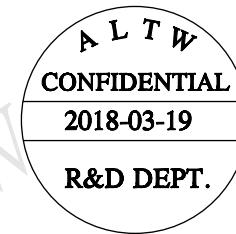
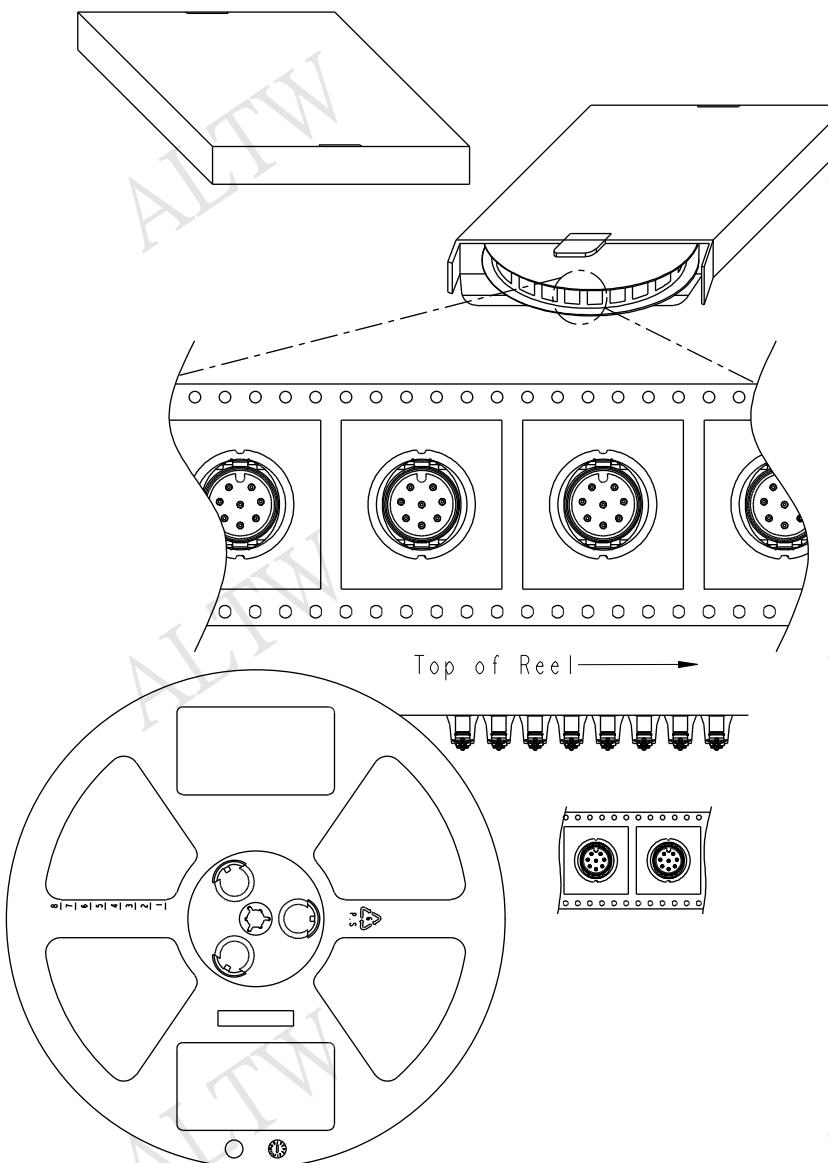
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Note :
① Connector Orientat follow Drawing



UNIT:mm			TITLE M12 M CONN M PIN SMT TYPE			Amphenol LTW 安費諾亮泰企業股份有限公司	ITEM NO	DRAWN BY	DATE
TOLERANCE			SCALE	SIZE	SHEET	OF	DWG NO	CHECKED BY	DATE
.X ± 0.25			1:1	A4	3	4	MSXS-XXPMMT-EE8XXX	Arvin Chan	2018/03/19
.XX ± 0.1			REV.	B	WC-REV.	A.3	CUSTOMER	Kevin Hu	2018/03/19
.XXX ± 0.05							APPROVED BY		
ANGLES ± 1°									



Note:
100 PCS(Connector)/Tape&Reel Put in a Box
5PCS(Max.) Box Put in a Carton



UNIT:mm		TITLE MI2 M CONN M PIN SMT TYPE		
TOLERANCE		SCALE 1:1	SIZE A4	SHEET 4 OF 4
.X	± 0.25			
.XX	± 0.1			
.XXX	± 0.05	REV. B	WC-REV. A.3	(QC) Inspection item
ANGLES	$\pm 1^\circ$			

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ITEM NO	DRAWN BY Jason Yu	DATE 2018/03/19
DWG NO	CHECKED BY Arvin Chan	DATE 2018/03/19
MSXS-XXPMMT-EE8XXX		
CUSTOMER ALTW	APPROVED BY Kevin Hu	DATE 2018/03/19