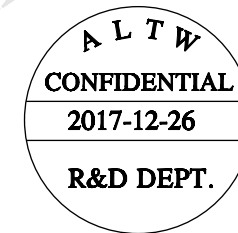
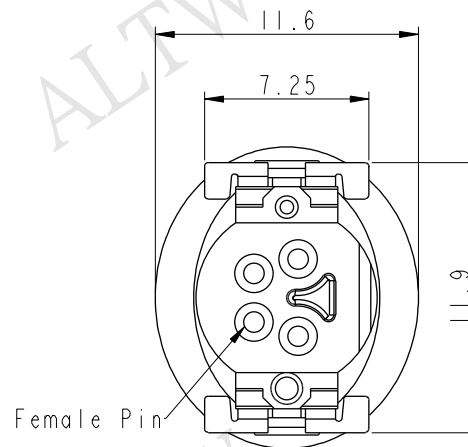
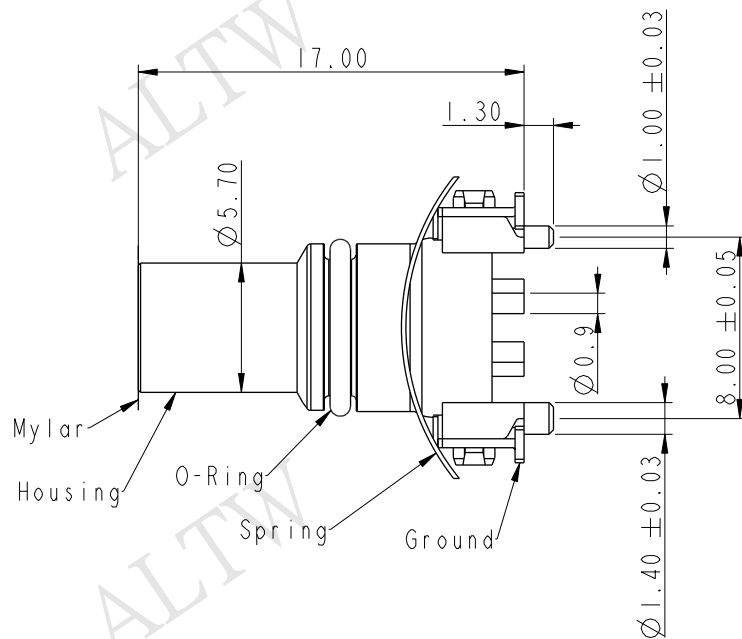


REV.	ECN NO.	DATE	SIGN	DESCRIPTION
A	Initial Release	2017/12/26	Jason Yu	New Item



Note:

- * Important Dimension to Check
- Material Specification:
- * Housing: Thermoplastic
- * Female Pin: Copper Alloy, Gold Plated
- * Ground: Copper Alloy, Tin Plated
- * Spring: Stainless Steel

Electrical Specification:

- * Contact Resistance: 10mΩ (Max.)
- * Insulation Resistance: 100MΩ (Min.)
- * Dielectric Withstanding Voltage: 1KV
- * Rated Voltage: 60V d.c. or a.c.
- * Rated Current: 3A

Mechanical Specification:

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

Environmental Specification:

- * Temperature Range: -55~+125°C
- * Salt Spray: 48 Hrs
- * SMT Temperature & Time: 260°C / 5 sec
- * SMT Paste: 0.12mm

M8S - X X P F F T - E E 8 0 0 1

M8S: M8 Shield

03: 3Pin

04: 4Pin

P: Panel

F: Female Connector

F: Female Pin

001: Serial Number

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

E: None Back Shell

E: None Mating Style

T: SMT Type

UNIT:mm		TITLE M8 F CONN F PIN SMT TYPE		ITEM NO		DRAWN BY Jason Yu		DATE 2017/12/26	
TOLERANCE .X ±0.25 .XX ±0.1 .XXX ±0.05 ANGLES ±1°		SCALE 3:1		SIZE A4		CHECKED BY Arvin Chan		DATE 2017/12/26	
REV. A		WC-REV. A.1		SHEET 1 OF 4		APPROVED BY Kevin Hu		DATE 2017/12/26	
		QC: Inspection item		CUSTOMER ALTW					

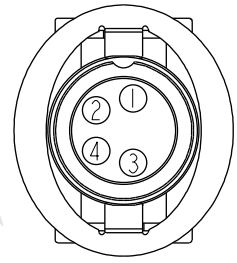
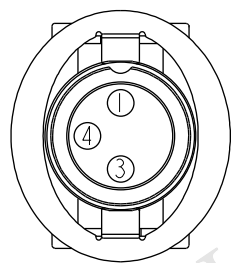
Amphenol LTW
安費諾亮泰企業股份有限公司

THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.

THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.

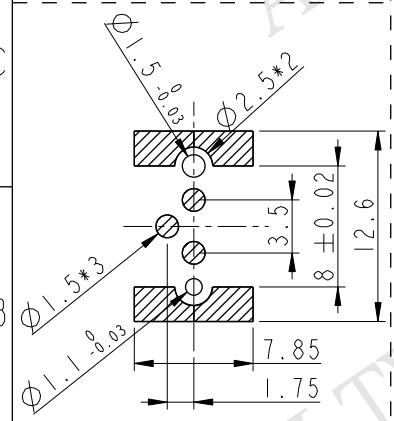
ALTW
CONFIDENTIAL
2017-12-26
R&D DEPT.

ALTW
DCC. DEPT.
CONFIDENTIAL
2018.01.11
ISSUED

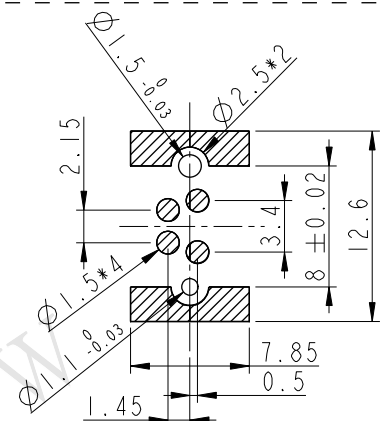


3 Pin

4 Pin



Recommended
PCB Layout



Recommended
PCB Layout

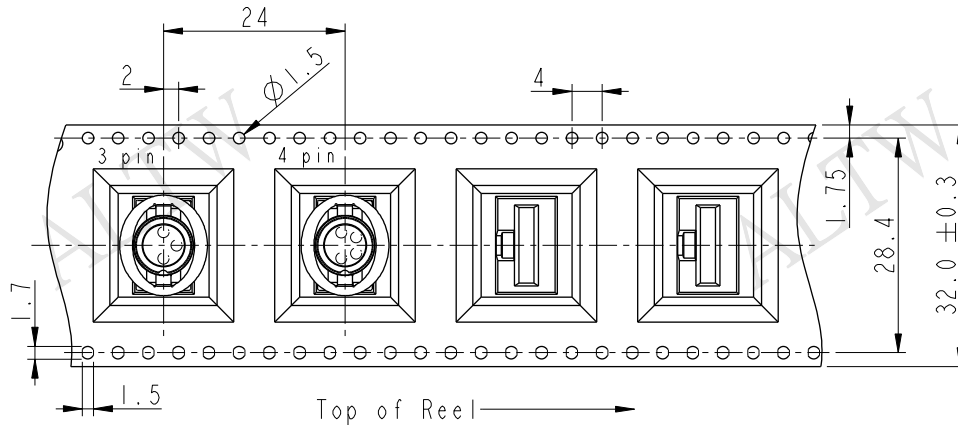
UNIT: mm	
TOLERANCE	
.X	±0.25
.XX	±0.1
.XXX	±0.05
ANGLES	±1°

TITLE M8 F CONN F PIN SMT TYPE			
SCALE Free	SIZE A4	SHEET 2 OF 4	
REV. A	WC-REV. A.1	QC: Inspection item	

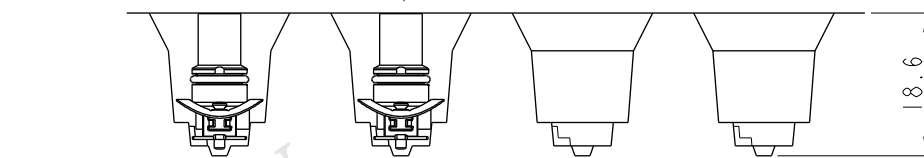
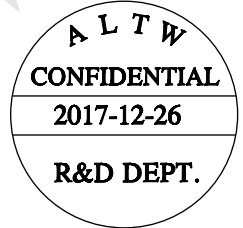
Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY Jason Yu	DATE 2017/12/26
DWG NO M8S-XXPFFT-EE8XXX	CHECKED BY Arvin Chan	DATE 2017/12/26
CUSTOMER ALTW	APPROVED BY Kevin Hu	DATE 2017/12/26

Tape & Reel Information:

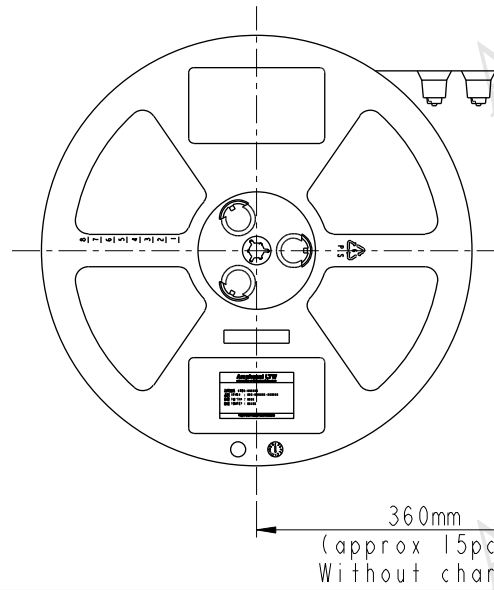
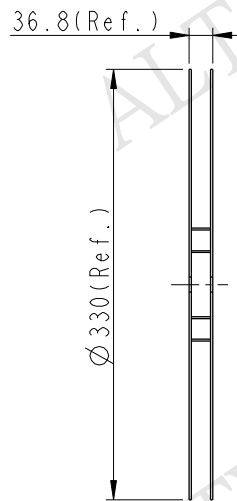


Note:
* Connector Orientation Follow Drawing



Wide Cover Tape Around
Out Periphery 1 Turn

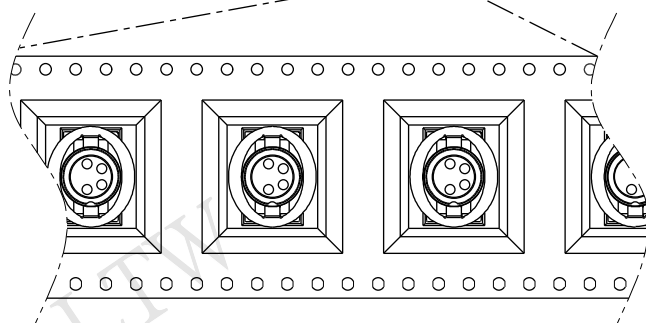
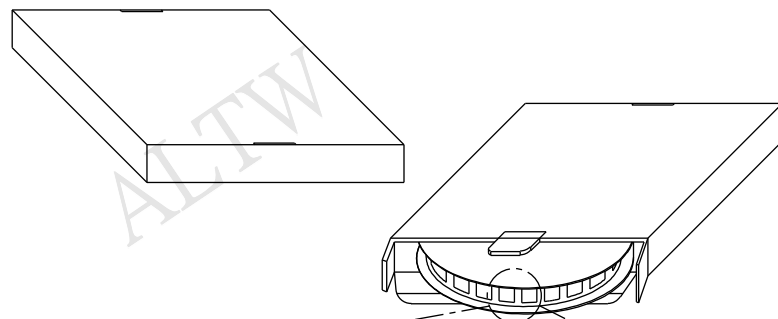
Peeling Strength 0.1~1.3N Max.
(300±10mm/min)
Peeling Angle
165~180°



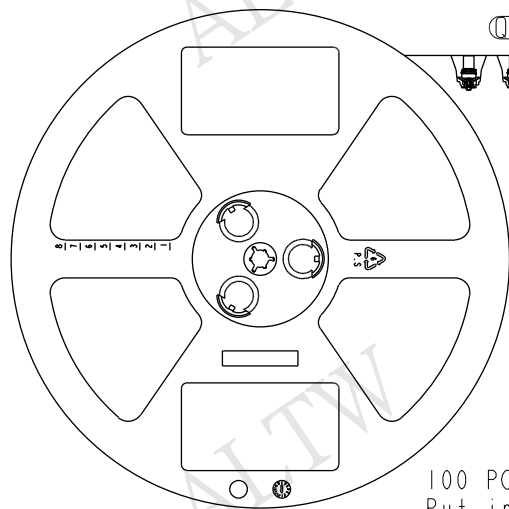
UNIT: mm		TITLE		ITEM NO		DRAWN BY		DATE	
TOLERANCE		M8 F CONN F PIN SMT TYPE		M8S-XXPFFT-EE8XXX		Jason Yu		2017/12/26	
.X		SCALE	Free	SIZE	A4	CHECKED BY		DATE	
.XX		REV.	A	WC-REV.	A.1	Arvin Chan		2017/12/26	
.XXX		SHEET		3		APPROVED BY		DATE	
ANGLES		OF		4		Kevin Hu		2017/12/26	

Amphenol LTW
安費諾亮泰企業股份有限公司

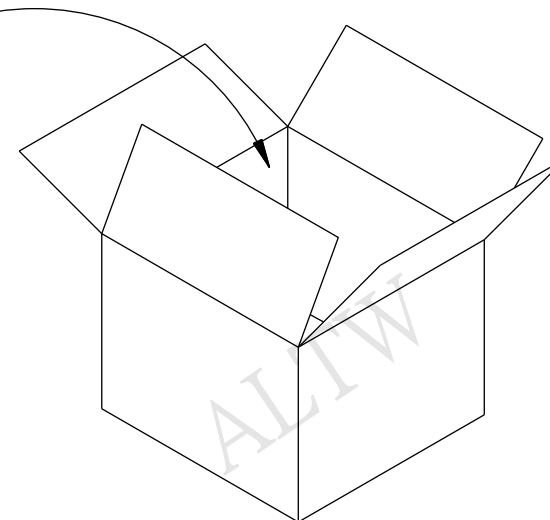
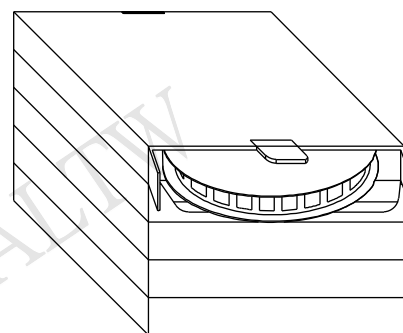
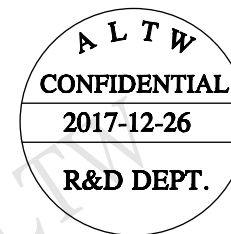
Package:



出料方向 →

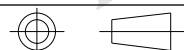


100 PCS(Connector)/Tape&Reel,
Put in a Box



One Carton can put in the 5PCS(Max.) Box
(500 PCS/Carton)

UNIT:mm



TOLERANCE
.X ±0.25
.XX ±0.1
.XXX ±0.05
ANGLES ±1°

TITLE

M8 F CONN F PIN SMT TYPE

SCALE

Free

SIZE

A4

SHEET

4

OF

4

REV.

A

WC-REV.

A.1

QC: Inspection item

Amphenol LTW

安費諾亮泰企業股份有限公司

ITEM NO

DWG NO

M8S-XXPFFT-EE8XXX

CUSTOMER

ALTW

DRAWN BY

Jason Yu

CHECKED BY

Arvin Chan

APPROVED BY

Kevin Hu

DATE

2017/12/26

DATE

2017/12/26

DATE

2017/12/26

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[M8S-03PFFT-EE8001](#) [M8S-03PFFT-EE0001](#)