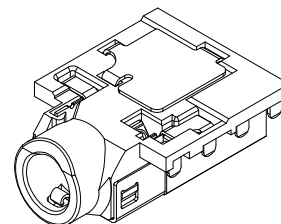
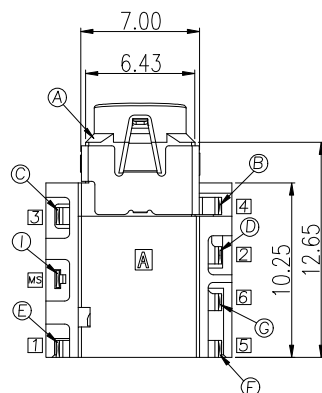
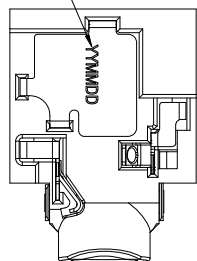


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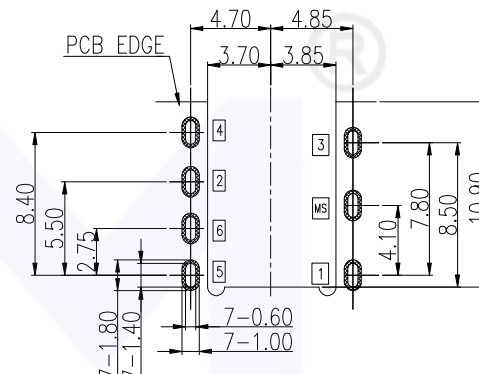
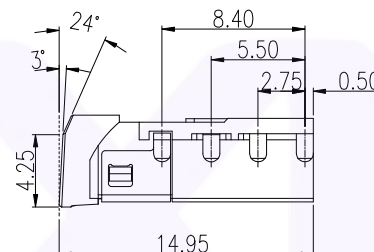
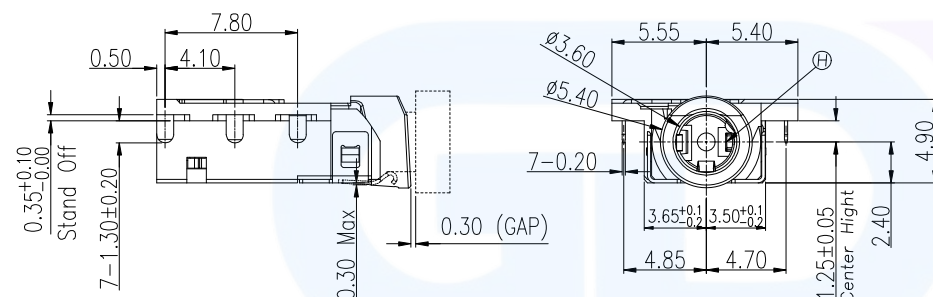
NOTES:

1. MATERIAL: SEE "TABLE 1";
2. FINISH: SEE "TABLE 1";
3. ELECTRICAL:
 - 3.1. VOLTAGE RATING: 12 VAC RMS;
 - 3.2. CURRENT RATING: 1 AMP;
 - 3.3. CONTACT RESISTANCE: 50mΩ Max.(Initial), 100mΩ Max.(After Life test);
 - 3.4. INSULATION RESISTANCE: 100 MΩ Min., 500VDC.(Initial), 50 MΩ Min., 500VDC.(After Humidity test);
 - 3.5. WITHSTAND VOLTAGE: 500 VAC RMS 50(60)Hz, 1 minute;
4. MECHANICAL:
 - 4.1. MATING FORCE: 0.5~2.2Kgf.(Initial); 0.4~2.2Kgf.(After Life test);
 - 4.2. UNMATING FORCE: 0.5~2.0Kgf.(Initial); 0.4~2.0Kgf.(After Life test);
 - 4.3. OPERATING LIFE: 5000 CYCLES MIN.;
5. ENVIRONMENTAL:
 - 5.1. SALT SPRAY: 48H.
 - 5.2. OPERATION: -30°C~+80°C.

DATE CODE



3D VIEW



RECOMMENDED P.C.B LAYOUT(t=1.0mm)
TOP VIEW (TOLRANCE:±0.05)

TABLE 1:

NO.	DESCRIPTION	QTY	MATERIAL	REMARK
I	Shield shell	1	C5210-H	Welding Ni 50u"Min Overall
H	Insulator	1	LCP	Black
G	Make Spring	1	C5210-H	Au G/F Min on contact area
F	Transfer Spring	1	C5210-H	All over Ni 50u"Min
E	Tip spring	1	C5210-H	Au 1u" Min on contact area,
D	Ring spring	1	C5210-H	Au G/F Min on solder area
C	Ring spring	1	C5210-H	All over Ni 50u"Min
B	Earth spring	1	C5210-H	Au G/F Over All ,
A	Housing	1	PA10T	Ni 50u"Min underplated.
				Black

PLUG SPEC	SCHEMATIC	AFTER INSERT SCHEMATIC

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Website:

<https://www.xmconn.com>

TEL:

18938295888



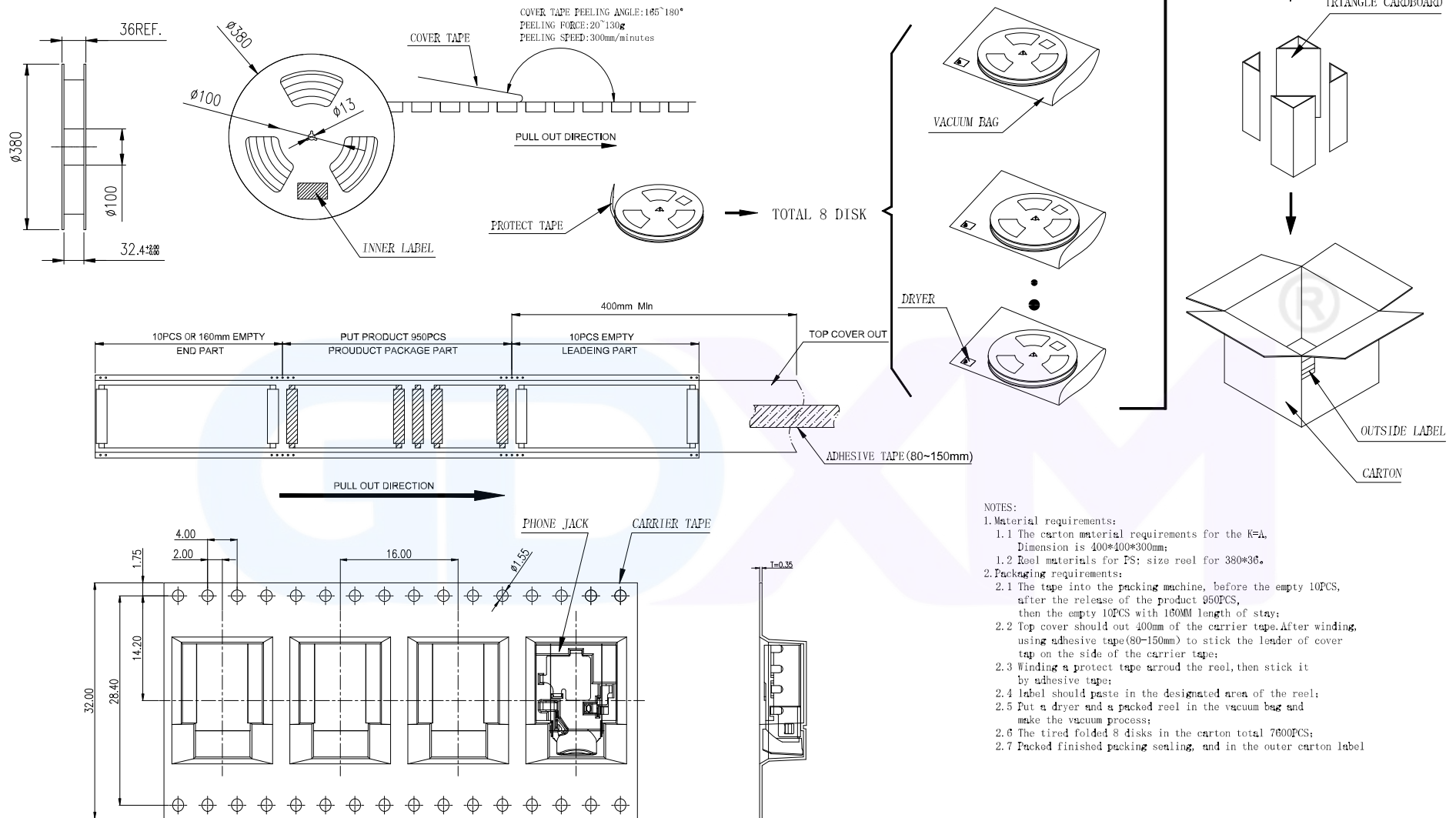
PART NAME ϕ 3.5mm Phone Jack CONN.

PART NO. DM35A018-07FP

TOLERANCE UNLESS OTHERWISE SPECIFIED:
X \pm 0.2
X.X \pm 0.15
X.XX \pm 0.10
X.XXX \pm 0.050

DRAWING:	Li	DATE:	2023.08.18	SCALE	SHEET	REV: A0
CHECK:	Chen	DATE:	2023.08.18	1:1	1/2	SIZE: A4
APPROVAL:	Wen	DATE:	2023.08.18			

RoHS
Compliant



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TEL:

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PART NAME

ø3.5mm Phone Jack CONN.

PART NO.

DM35A018-07FP

TOLERANCE UNLESS OTHERWISE SPECIFIED:

X ±0.2
X.X ±0.15
X.XX ±0.10
X.XXX ±0.050

DRAWING:

Li

DATE:

2023.08.18

SCALE

SHEET

REV: A0

CHECK:

Chen

DATE:

2023.08.18

1:1

2/2

SIZE: A4

APPROVAL:

Wen

DATE:

2023.08.18

