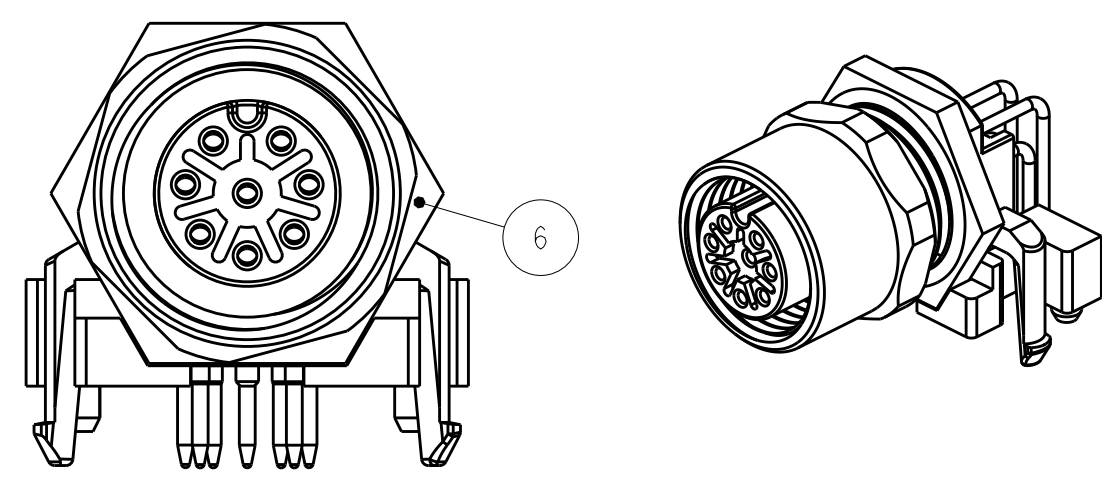
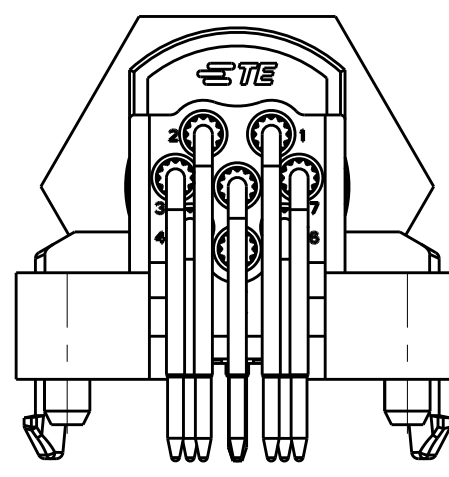
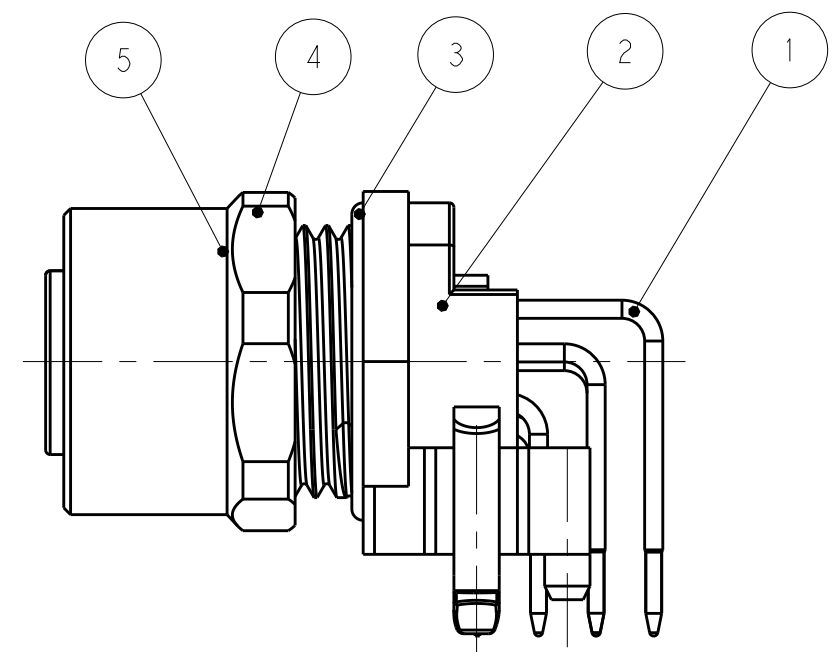
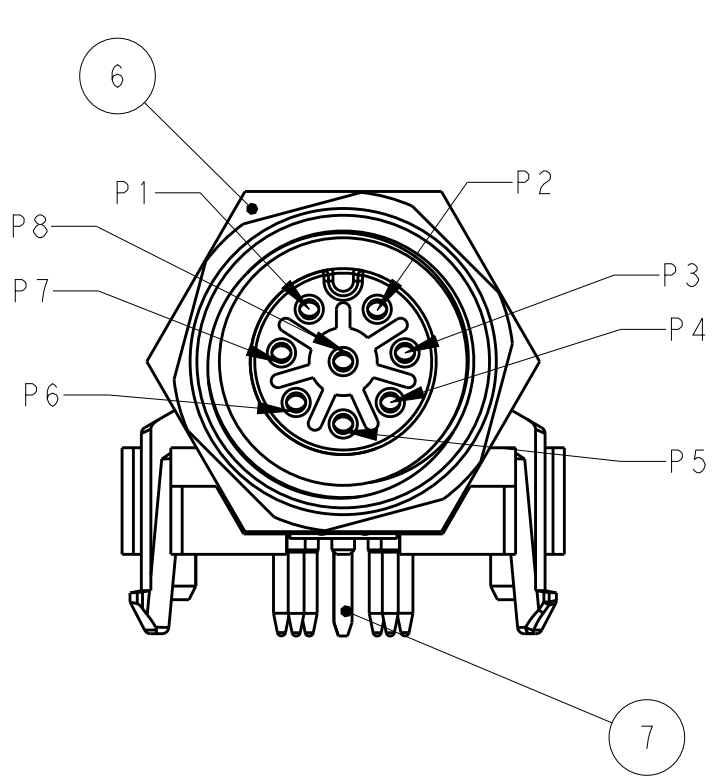
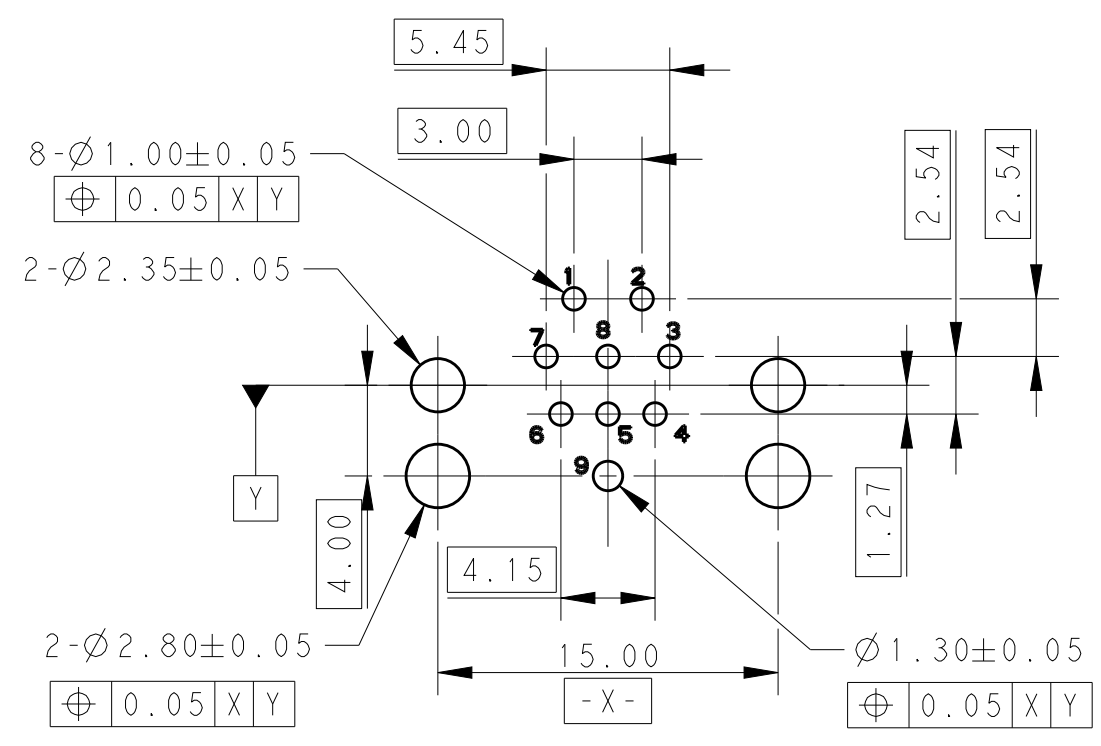
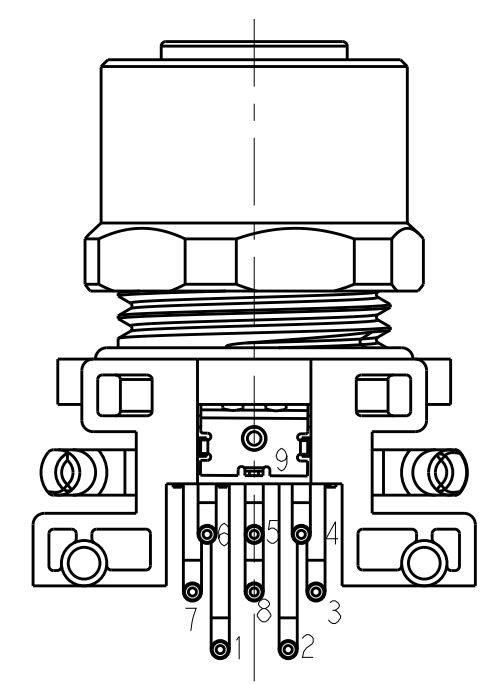


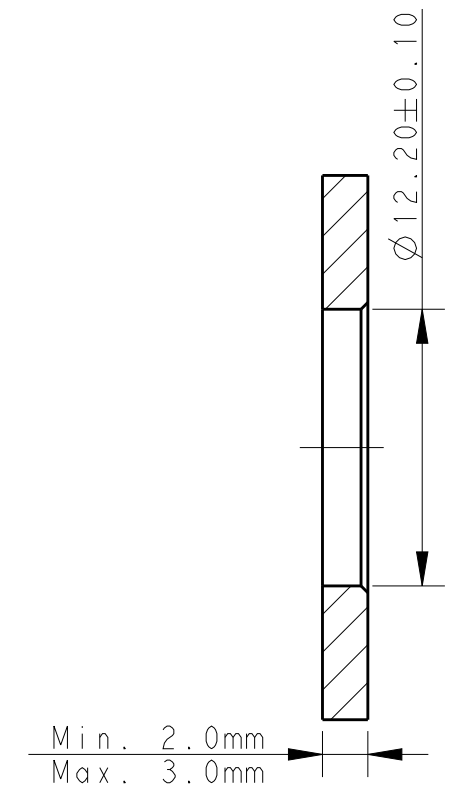
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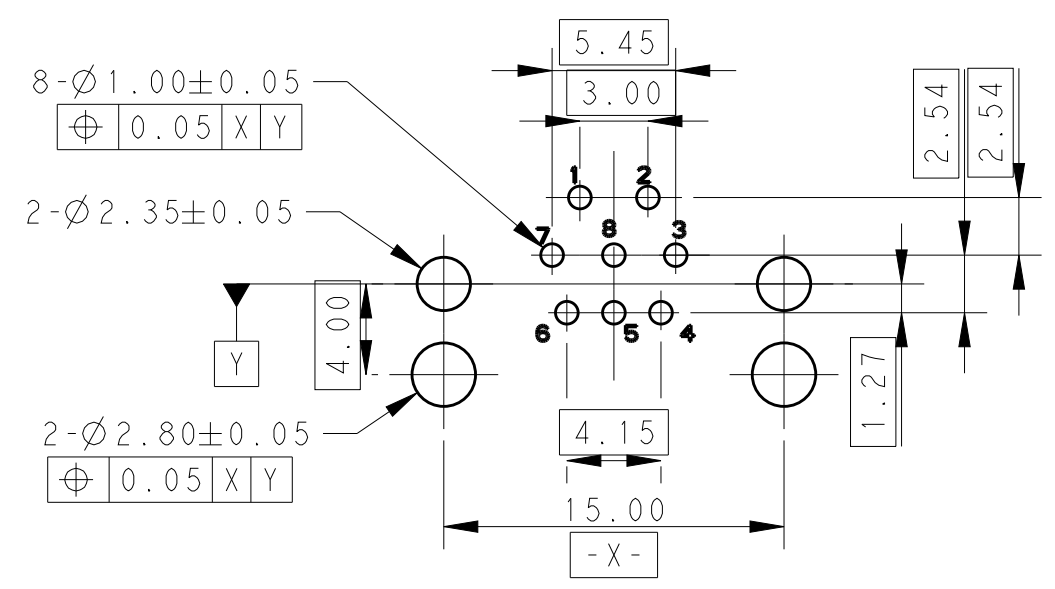
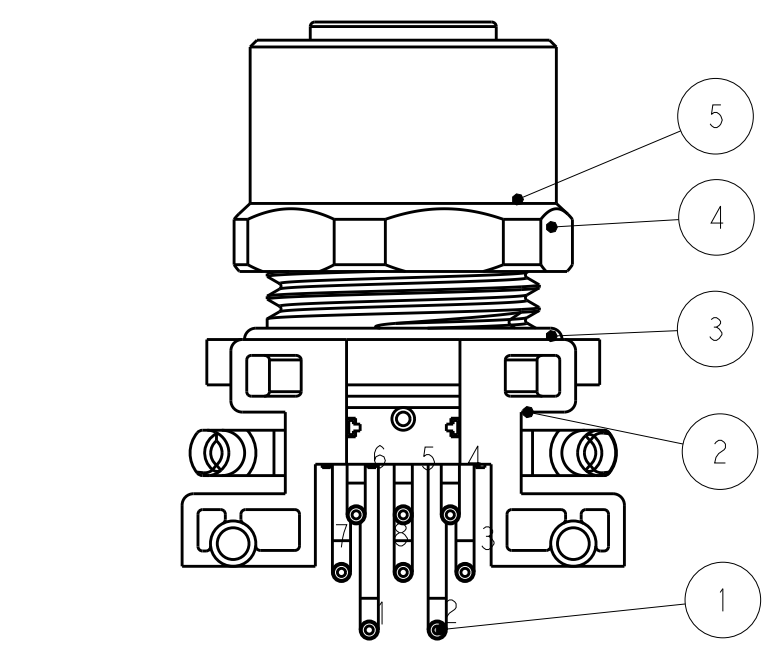
C



RECOMMENDED PCB LAYOUT FOR T4145035081-002(TOP VIEW)
PCB THICKNESS: 1.6mm



RECOMMENDED
PANEL SIZE



RECOMMENDED PCB LAYOUT FOR T4145015081-002(TOP VIEW)
PCB THICKNESS: 1.6mm

B

A

TABLE 1		
PART NUMBER	T4145015081-002	T4145035081-002
PIN ARRANGEMENT	A-CODE	A-CODE
POS	8	8
SHIELD TYPE	UNSHIELDED	SHIELDED
RATED VOLTAGE	30V	30V
TATED IMPULSE VOLTAGE	800V	800V
RATED CURRENT	2A	2A
POLLUTION DEGREE	3	3
OVERVOLTAGE CATEGORY	II	II
MATERIAL GROUP	II	II
CONTACT RESISTANCE	$\leq 10m\Omega$	$\leq 10m\Omega$
INSULATION RESISTANCE	$> 100M\Omega$	$> 100M\Omega$
DEGREE OF PROTECTION	IP67	IP67
OPERATION TEMPERATURE	-40~85°C	-40~85°C

- NOTES:
1. TECHNICAL DATA: SEE TABLE 1
 2. RECOMMEND TORQUE 1Nm
 3. ALL PRODUCT MUST COMPLIANCE WITH ROHS AND REACH.

ITEM	DESCRIPTION	MATERIAL	COMMENTS
7	SHIELDING	COPPER ALLOY	ONLY FOR SHIELDED TYPE
6	NUT	COPPER ALLOY	-
5	O-RING	PRUBBER	-
4	COUPLING NUT	COPPER ALLOY	-
3	O-RING	RUBBER	-
2	HOUSING	PA	BALCK COLOR
1	CONTACT	COPPER ALLOY	GOLD FLASH

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±
1 PLC	±0.25
2 PLC	±0.15
3 PLC	±
4 PLC	±
ANGLES	±
FINISH	-

MATERIAL

SEE TABLE

DWN
JEREMY ZHANG
12-Dec-19

CHK
GINO YAO
12-Dec-19

APVD
CHRIS WANG
12-Dec-19

PRODUCT SPEC
108-106140

APPLICATION SPEC
-

WEIGHT
-

RESTRICTED CUSTOMER

NAME
M12 RECEPTACLE CONNECTOR PCB ASSEMBLY, FEMALE ANGLED, SHIELDED AND UNSHIELDED A-CODE

SIZE
A2

CAGE CODE
-

DRAWING NO
C-T41450X5081XXX

RESTRICTED TO
-

SCALE
2:1

SHEET
1 OF 1

REV
A1

TE Connectivity