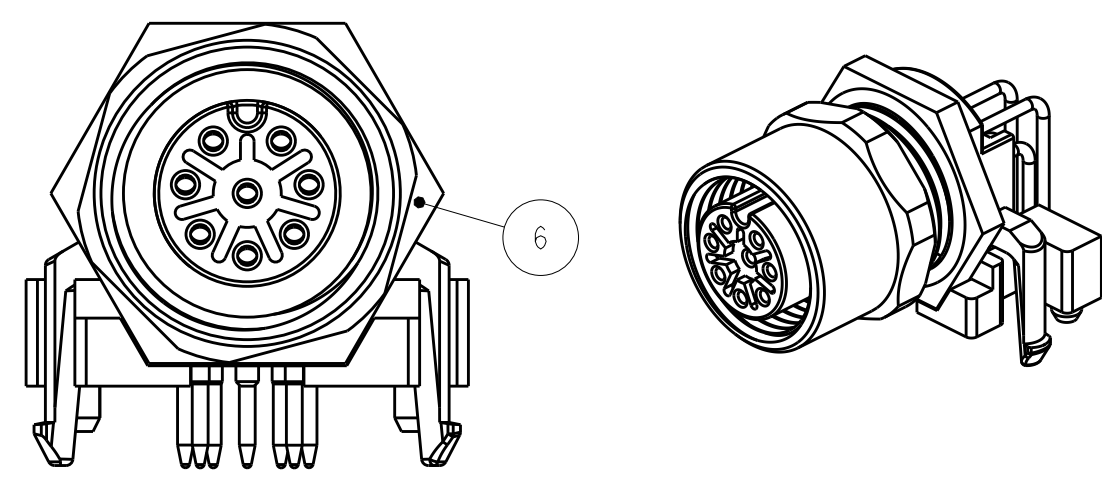
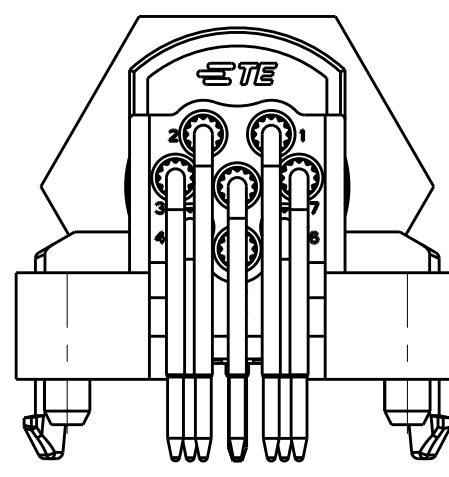
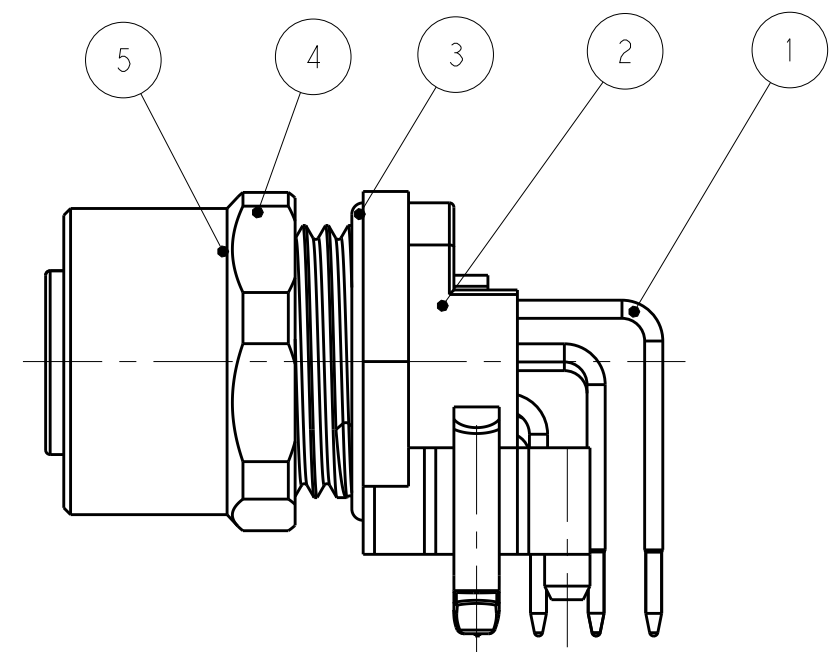
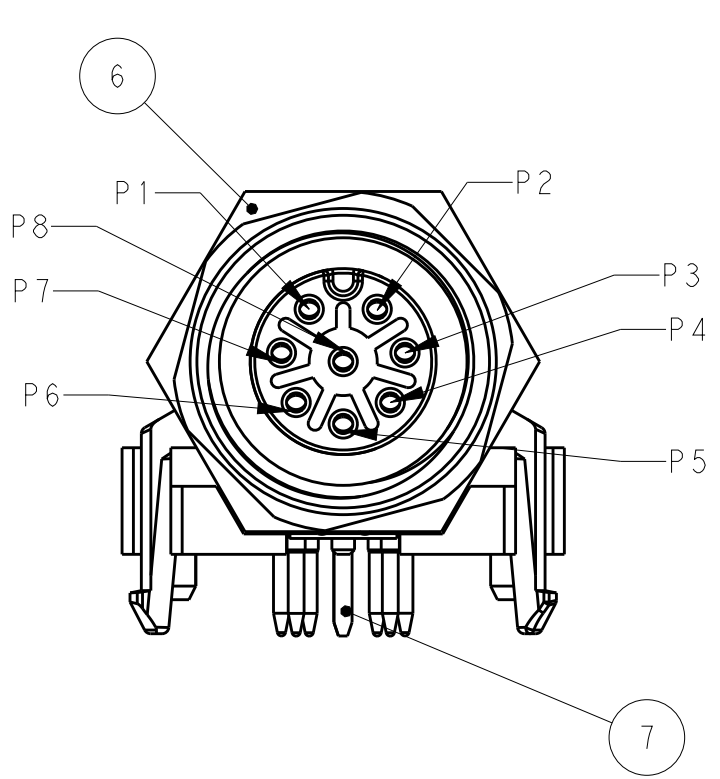
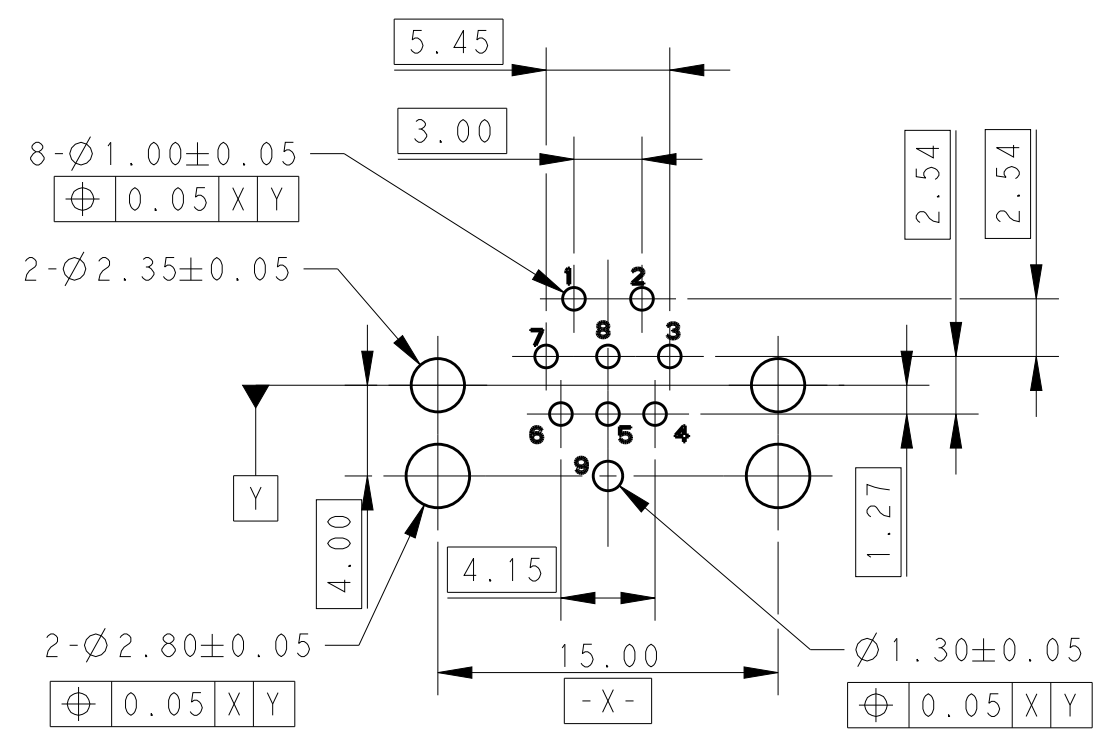
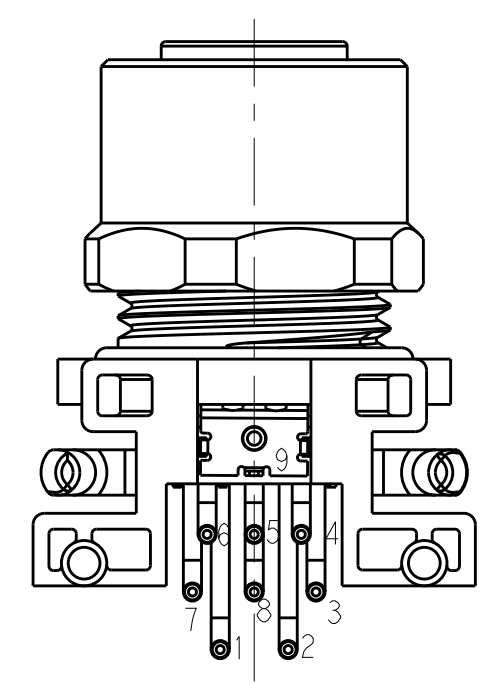


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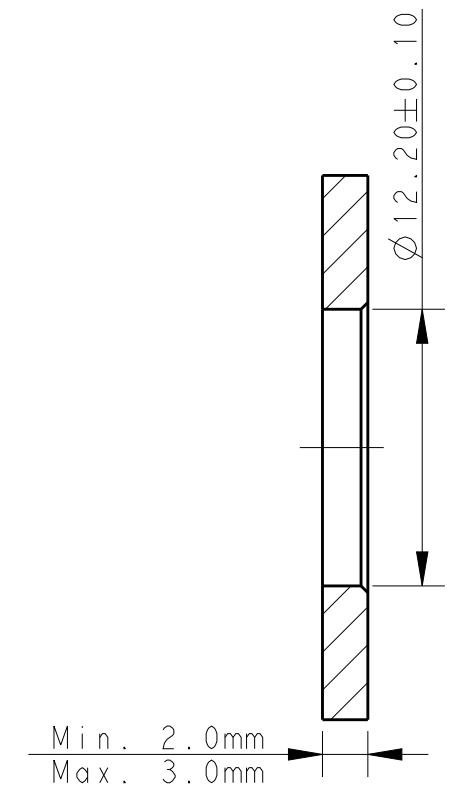


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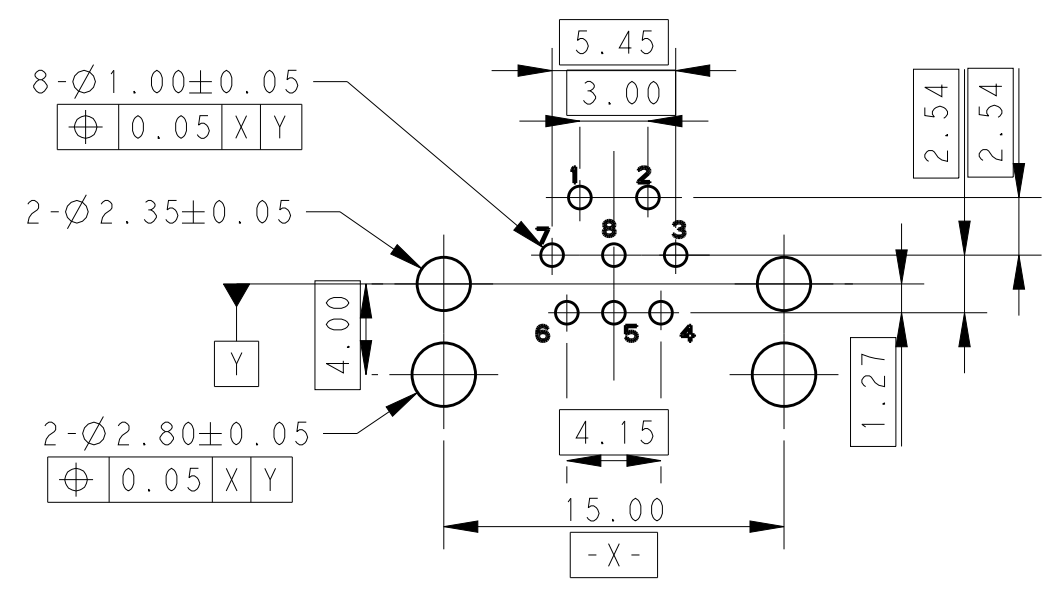
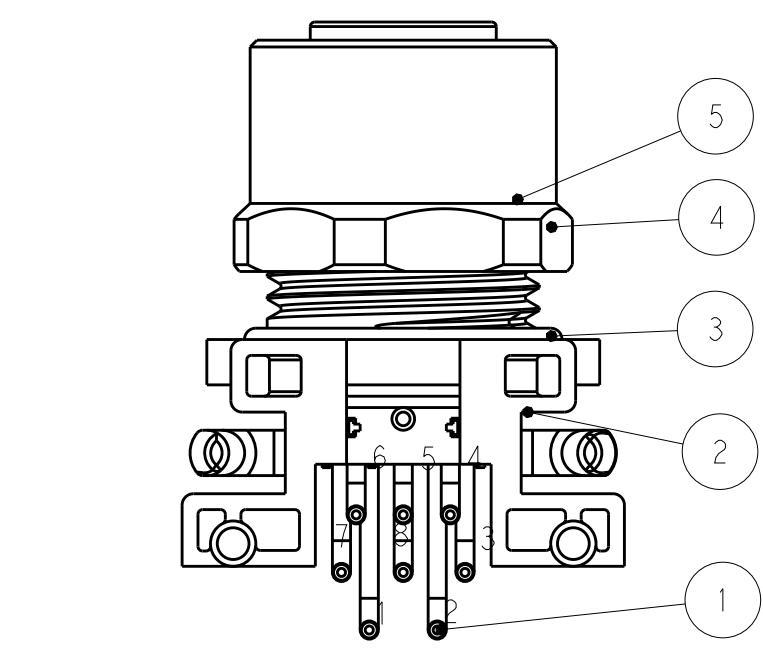


RECOMMENDED PCB LAYOUT FOR T4145035081-002(TOP VIEW)

PCB THICKNESS: 1.6mm



RECOMMENDED
PANEL SIZE



RECOMMENDED PCB LAYOUT FOR T4145015081-002(TOP VIEW)

PCB THICKNESS: 1.6mm

B

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

TE Connectivity

NAME

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

SIZE

A2

CAGE CODE

-

DRAWING NO

©T41450X5081XXX

RESTRICTED TO

-

SCALE

2:1

SHEET

1

OF

1

REV

A1

A

A

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[1R3006A20M005](#) [RF-12P1N8A80DU](#) [RF-12P1N8A90DU](#) [41-01016](#) [41-40011](#) [41-40017](#) [42-01015](#) [4-22279-4](#) [4-22281-1](#) [4-22284-9](#) [43-](#)
[00002](#) [43-01166](#) [41-40005](#) [41-40016](#) [43-00161](#) [43-01191](#) [XS3P-M421-2](#) [600X518050X](#) [SACC-DSI-FS-5P-PG9-L180 SC](#) [8R4006A16A120](#)
[8R4000A16M010](#) [RKC 50/16](#) [1R3004A20A1201](#) [6-22279-3](#) [N03FA03144](#) [1300140077](#) [XS8A-0441](#) [859RD04-103R004](#) [860RD04-113R004](#)
[860RD04-213R004](#) [860-X08-213R004](#) [1-213245-2](#) [2273142-2](#)