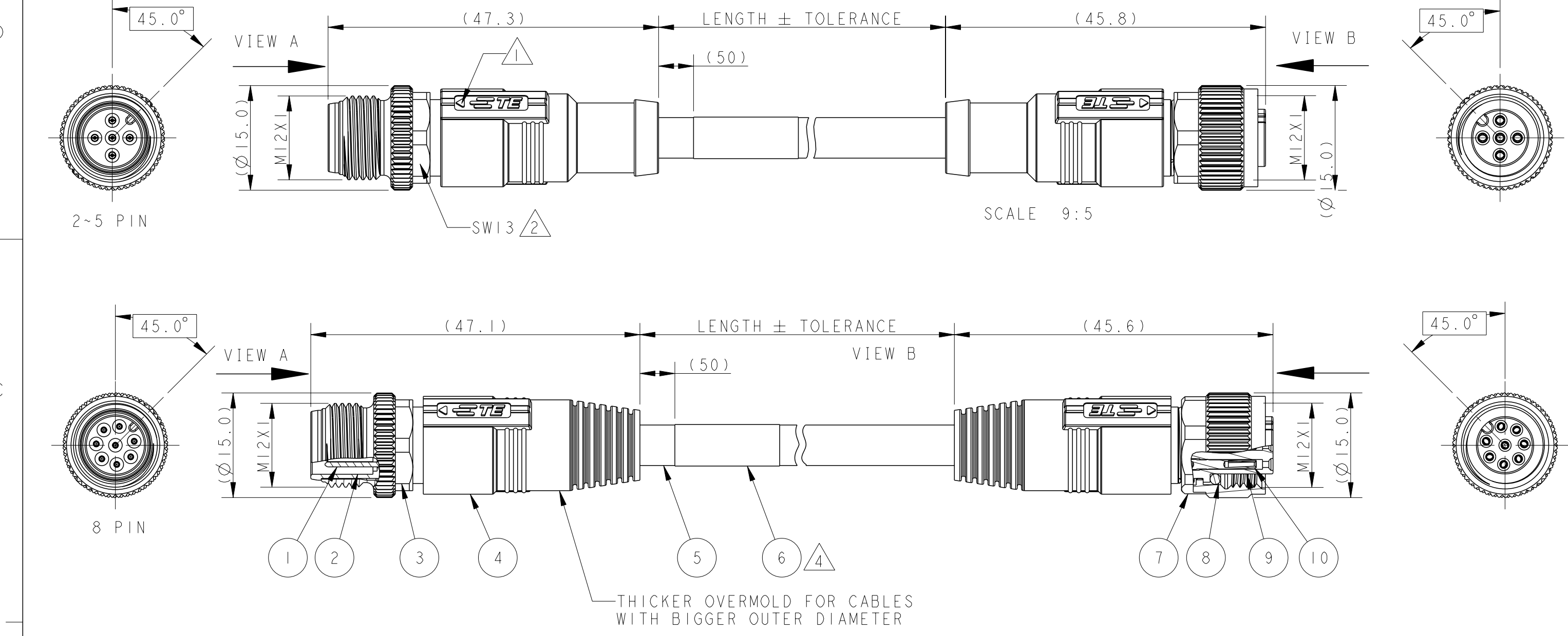
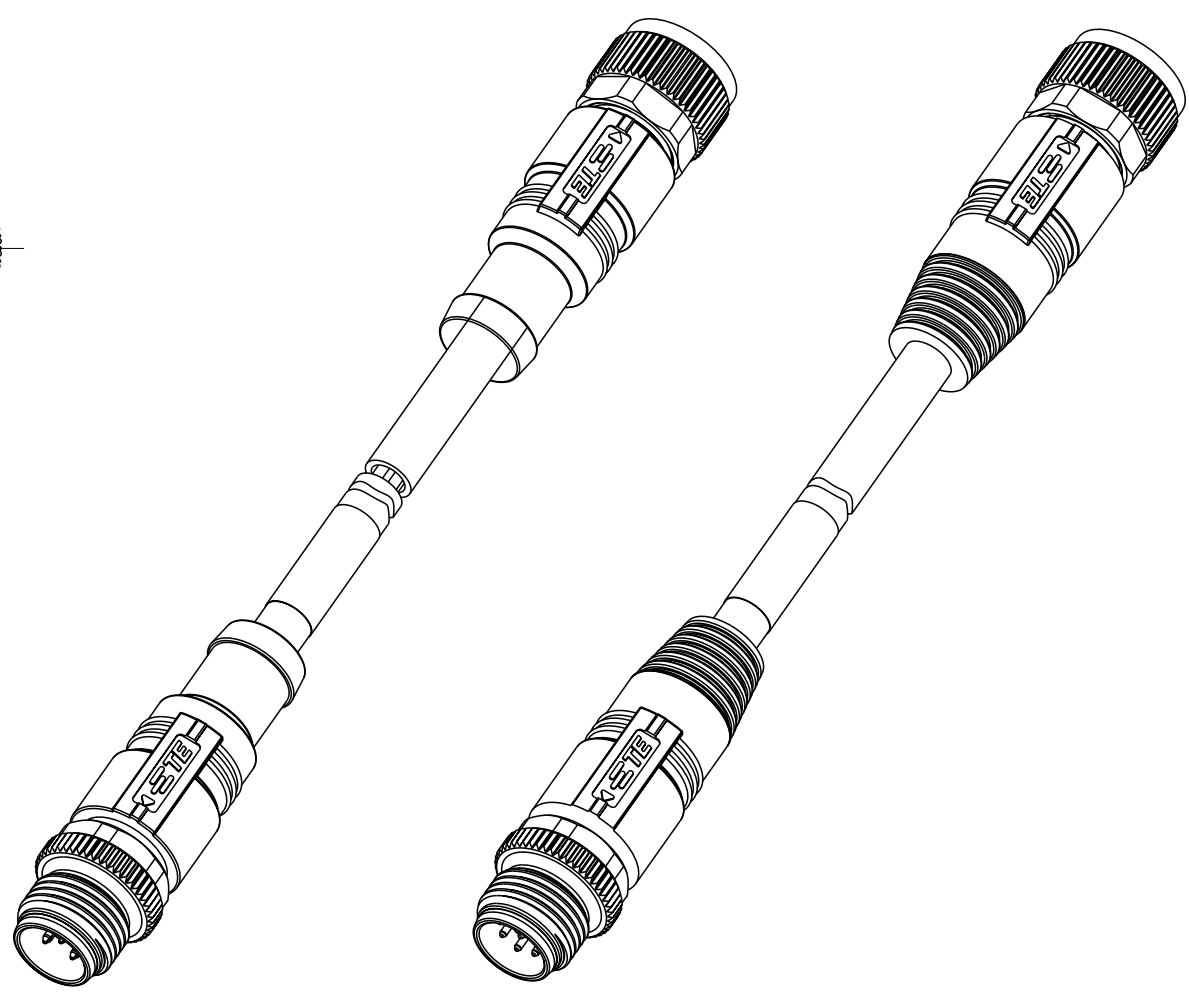


(T41621X3*) M12 ST MALE TO M12 ST FEMALE DOUBLE ENDED CABLE ASSEMBLY (Shielded)



REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	25APR2021	BP	CW

ITEM	DESCRIPTION	MATERIAL	OTHERS
1	MALE CONTACT	COPPER ALLOY	FLASH GOLD
2	MALE HOUSING	NYLON	BLACK
3	MALE NUT	COPPER ALLOY	NICKEL PLATED
4	OVER-MOLDING	POLYURETHANE	BLUE
5	CABLE	1=PVC 2=PUR	PVC:BLACK PUR:GRAY
6	LABEL	-	-
7	FEMALE NUT	COPPER ALLOY	NICKEL PLATED
8	O-RING	SILICONE	GRAY
9	FEMALE HOUSING	NYLON	BLACK
10	FEMALE CONTACT	COPPER ALLOY	FLASH GOLD



PN	T41621X3002-XXX	T41621X3003-XXX	T41621X3004-XXX	T41621X3005-XXX	T41621X3008-XXX					
VIEW A										
VIEW B										
WIRING DIAGRAM	PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE
	1	BROWN	1	BROWN	1	BROWN	1	BROWN	1	WHITE
	2	---	2	---	2	WHITE	2	WHITE	2	BROWN
	3	BLUE	3	BLUE	3	BLUE	3	BLUE	3	GREEN
	4	---	4	BLACK	4	BLACK	4	BLACK	4	YELLOW
	5	---	5	---	5	---	5	GREY	5	GREY
									6	PINK
									7	BLUE
									8	RED
STANDARD	CODING REQUIRED TO IEC 61076-2-101									

TECHNICAL DATA	T4162/X3002-XXX	T4162/X3003-XXX	T4162/X3004-XXX	T4162/X3005-XXX	T4162/X3008-XXX
	250V			60V	30V
	2500V			1500V	800V
	4A				2A
	3				
	II				
	II				
IP67					

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-

1 PLC ±-

2 PLC ±-

3 PLC ±-

4 PLC ±-

ANGLES ±-

FINISH -

DWN
BLAZE PENG
CHK
KEVIN HUANG
APVD
CHRIS WANG

10APR2021
10APR2021
10APR2021

PRODUCT SPEC
108-106140
APPLICATION SPEC
114-137144
WEIGHT
-

CUSTOMER DRAWING

NAME
M12 CABLE ASSEMBLY DOUBLE END SHIELDED

SIZE
A200779

CAGE CODE
C-1SET311C04R0000

DRAWING NO
114-137144

RESTRICTED TO
-

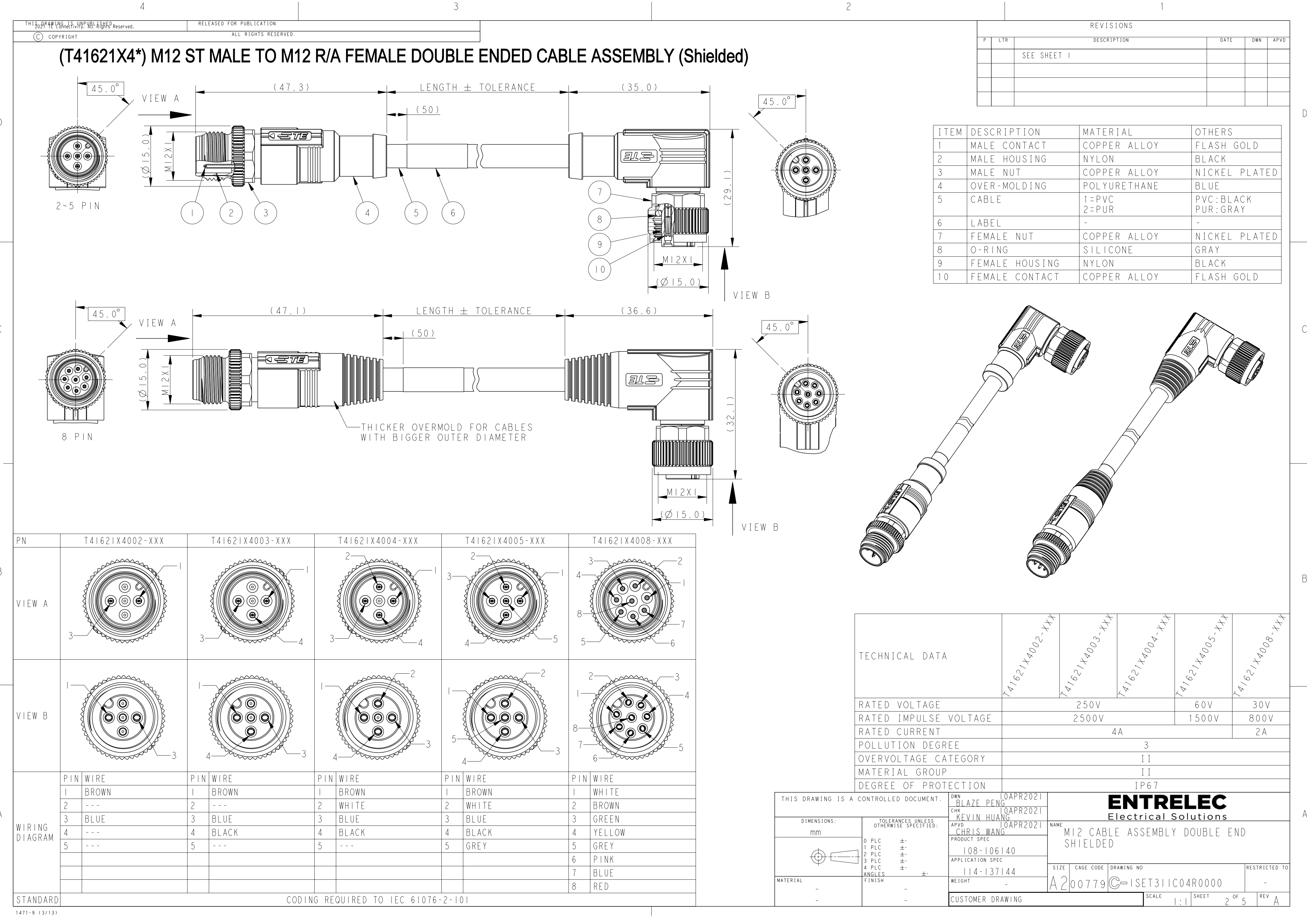
SCALE
1:1

SHEET
1 OF 5

REV
A

ENTRELEC

Electrical Solutions



THIS DRAWING IS UNPUBLISHED
2021 TE Connectivity. All Rights Reserved.

RELEASED FOR PUBLICATION

© COPYRIGHT

ALL RIGHTS RESERVED.

TE MATERIAL NO. - NUMERICAL CODE

T

4

1

6

2

X

X

0

0

X

X

-

X

X

X

CATEGORY:
T4I=M12XI
SENSOR/ACTUATOR

APPLICATION TYPE:
6=SHIELDED

SHAPE TYPE:
2=DOUBLE ENDED

CONNECTOR TYPE FOR SINGLE END:
1=PLUG MALE STRAIGHT
2=PLUG MALE R/A

CONNECTOR TYPE FOR DOUBLE END:
3=RECEPTACLE FEMALE STRAIGHT
4=RECEPTACLE FEMALE R/A

CABLE TYPE:SEE TABLE
1=PVC
2=PUR

POSITION:
02=2P
03=3P
04=4P
05=5P
08=8P

CABLE LENGTH:
STANDARD:
-001:0.5M
-002:1.0M
-003:1.5M
-004:3.0M
-005:5.0M
-006:7.0M
-007:10.0M
CUSTOMIZATION:
-XXX:XX.XM(>1.0M)
E.G.: -155:15.5M
-200:20.0M
-99X: 0.XM(<1.0M)
E.G.: -992:0.2M
-998:0.8M

TE MATERIAL NO. - DESCRIPTION CODE

M12

- XX

- XP

- M12

- XX

- PXX

- **

- SH

CONNECTOR A:
M12XI A-CODE
SENSOR/ACTUATOR

CONNECTOR TYPE:
MS=MALE STRAIGHT
MR=MALE RIGHT ANGLE

POSITION:
2P
3P
4P
5P
8P

CONNECTOR B:
M12XI A-CODE
SENSOR/ACTUATOR

CONNECTOR TYPE:
FS=FEMALE STRAIGHT
FR=FEMALE RIGHT ANGLE

CABLE TYPE:
PVC
PUR

CABLE LENGTH:
0.5:0.5M,
1.0:1.0M,
1.5:1.5M,
3.0:3.0M,
5.0:5.0M,
7.0:7.0M,
10.0:10.0M,
...

APPLICATION TYPE:
SH=SHIELDED

CABLE INFORMATION

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	FIXED:TEMP.	FLEXIBLE:TEMP.
1	2/3/4/5	0.34mm ²	PVC BLACK	UL2464	-10°C~+80°C	-5°C~+80°C
1	8	0.25mm ²	PVC BLACK	UL2464	-10°C~+80°C	-5°C~+80°C
2	2/3/4/5	0.34mm ²	PUR GREY	UL20549	-40°C~+80°C	-25°C~+80°C
2	8	0.25mm ²	PUR GREY	UL20549	-40°C~+80°C	-25°C~+80°C

CABLE LENGTH TOLERANCE

OVER	UP TO AND INCLUDING	TOLERANCES
0	1000mm	±30mm
1000mm	4000mm	±50mm
4000mm	5000mm	±60mm
5000mm	10000mm	±80mm
10000mm	>	±1.5% OF CABLE LENGTH

NOTE:
①. CODE POSITION INDICATOR
②. RECOMMENDED TORQUE 0.6 Nm
3. CABLE ASSEMBLY TO BE PACKAGED IN POLYBAGS
④. LABEL CONTAINS: PN, DATE CODE...

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

DWN
BLAZE PENG
CHK
KEVIN HUANG
APVD
CHRIS WANG

10APR2021
10APR2021
10APR2021

PRODUCT SPEC
108-106140
APPLICATION SPEC
114-137144
WEIGHT
-
CUSTOMER DRAWING

ENTRELEC
Electrical Solutions

NAME
M12 CABLE ASSEMBLY DOUBLE END SHIELDED

SIZE
A200779

CAGE CODE
C-1

DRAWING NO
ISET311C04R0000

RESTRICTED TO
-

SCALE
1:1

SHEET
5 OF 5

REV
A

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

PART LIST

M12-MS-4P-M12-FS-PUR-1.0-SH	T4162123004-002	ISET314367R0000
M12-MS-4P-M12-FS-PUR-3.0-SH	T4162123004-004	ISET314369R0000
M12-MS-4P-M12-FS-PUR-5.0-SH	T4162123004-005	ISET314370R0000
M12-MS-5P-M12-FS-PUR-1.0-SH	T4162123005-002	ISET314374R0000
M12-MS-5P-M12-FS-PUR-3.0-SH	T4162123005-004	ISET314376R0000
M12-MS-5P-M12-FS-PUR-5.0-SH	T4162123005-005	ISET314377R0000
M12-MS-4P-M12-FR-PUR-1.0-SH	T4162124004-002	ISET314402R0000
M12-MS-4P-M12-FR-PUR-3.0-SH	T4162124004-004	ISET314404R0000
M12-MS-4P-M12-FR-PUR-5.0-SH	T4162124004-005	ISET314405R0000
M12-MS-5P-M12-FR-PUR-1.0-SH	T4162124005-002	ISET314409R0000
M12-MS-5P-M12-FR-PUR-3.0-SH	T4162124005-004	ISET314411R0000
M12-MS-5P-M12-FR-PUR-5.0-SH	T4162124005-005	ISET314412R0000
M12-MR-4P-M12-FS-PUR-1.0-SH	T4162223004-002	ISET314507R0000
M12-MR-4P-M12-FS-PUR-3.0-SH	T4162223004-004	ISET314509R0000
M12-MR-4P-M12-FS-PUR-5.0-SH	T4162223004-005	ISET314510R0000
M12-MR-5P-M12-FS-PUR-1.0-SH	T4162223005-002	ISET314514R0000
M12-MR-5P-M12-FS-PUR-3.0-SH	T4162223005-004	ISET314516R0000
M12-MR-5P-M12-FS-PUR-5.0-SH	T4162223005-005	ISET314517R0000
M12-MR-4P-M12-FR-PUR-1.0-SH	T4162224004-002	ISET314542R0000
M12-MR-4P-M12-FR-PUR-3.0-SH	T4162224004-004	ISET314544R0000
M12-MR-4P-M12-FR-PUR-5.0-SH	T4162224004-005	ISET314545R0000
M12-MR-5P-M12-FR-PUR-1.0-SH	T4162224005-002	ISET314549R0000
M12-MR-5P-M12-FR-PUR-3.0-SH	T4162224005-004	ISET314551R0000
M12-MR-5P-M12-FR-PUR-5.0-SH	T4162224005-005	ISET314552R0000
PRODUCT TYPE	TE PN	ENTRELEC PN

1471-9 (3/13)