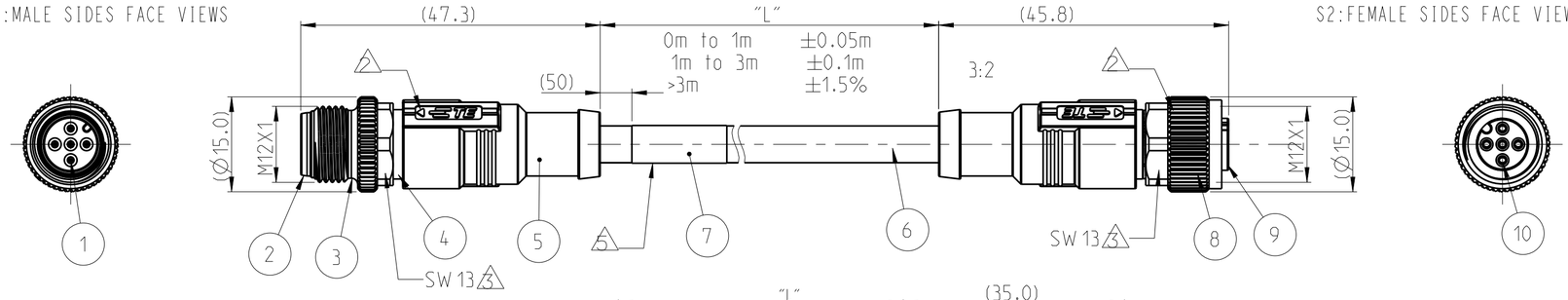
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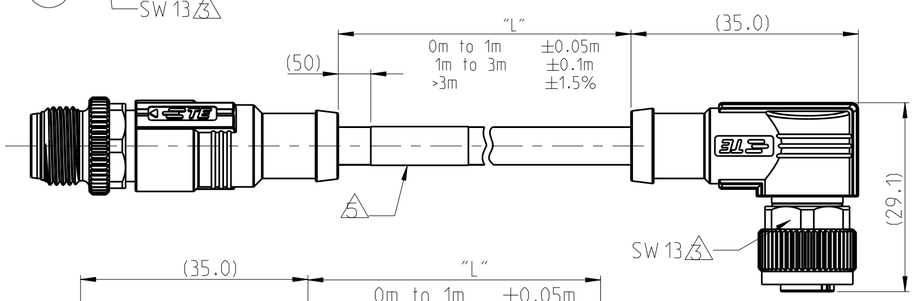
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	25JUL2018	G.W	C.W
	A1	ECR-19-007526	14MAY2019	RG	CW

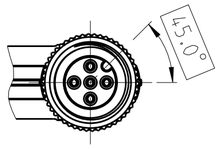
S1:MALE SIDES FACE VIEWS

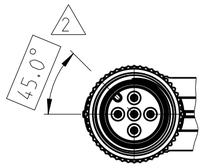


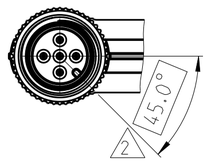
S2:FEMALE SIDES FACE VIEWS



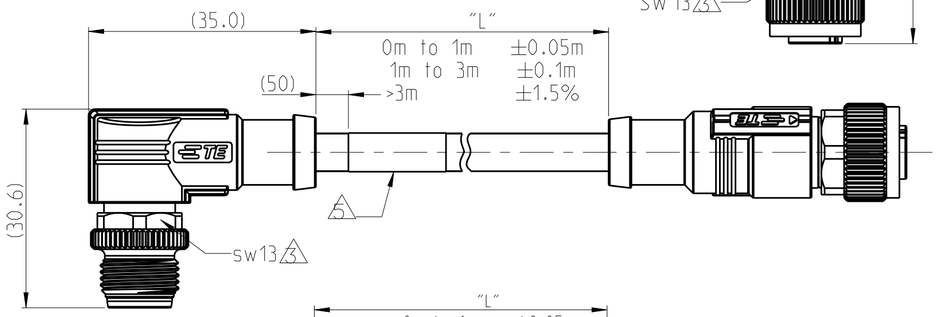


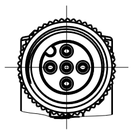


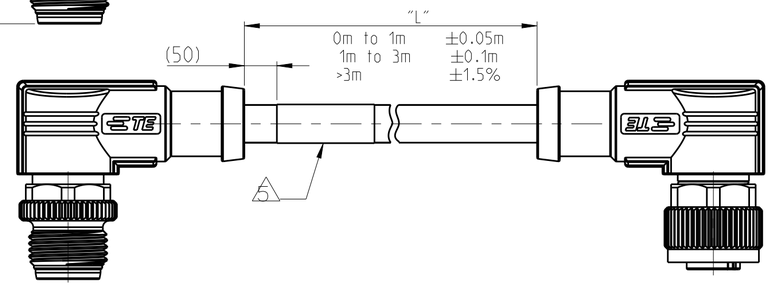


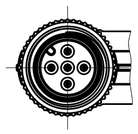


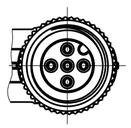
SPECIAL KEY POSITION
FOR T4162213005-98X



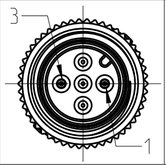
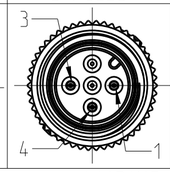
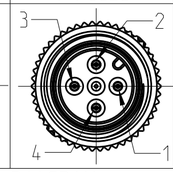
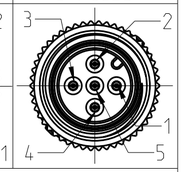


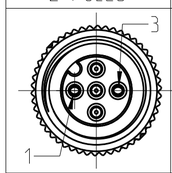
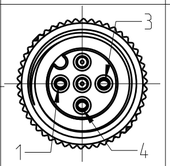
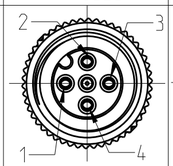
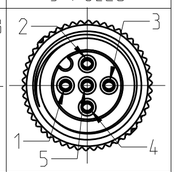






ITEM	DESCRIPTION	MATERIAL	OTHERS
1	MALE CONTACT	COPPER ALLOY	FLASH GOLD
2	MALE HOUSING	NYLON	BLACK
3	MALE NUT	COPPER ALLOY	NICKEL PLATED
4	SHIELDED SHELL	COPPER ALLOY	NICKEL PLATED
5	OVER-MOLDING	POLYURETHANE	BLUE
6	CABLE	-	-
7	LABEL	-	-
8	FEMALE NUT	COPPER ALLOY	NICKEL PLATED
9	FEMALE HOUSING	NYLON	BLACK
10	FEMALE CONTACT	COPPER ALLOY	FLASH GOLD

MALE FACE VIEW			
2-POLES	3-POLES	4-POLES	5-POLES
			
WIRING DIAGRAM			
1-BROWN 3-BLUE	1-BROWN 3-BLUE 4-BLACK	1-BROWN 2-WHITE 3-BLUE 4-BLACK	1-BROWN 2-WHITE 3-BLUE 4-BLACK 5-GRAY

FEMALE FACE VIEW			
2-POLES	3-POLES	4-POLES	5-POLES
			
WIRING DIAGRAM			
1-BROWN 3-BLUE	1-BROWN 3-BLUE 4-BLACK	1-BROWN 2-WHITE 3-BLUE 4-BLACK	1-BROWN 2-WHITE 3-BLUE 4-BLACK 5-GRAY

TECHNICAL DATA	T4162XXX002-00X	T4162XXX003-00X	T4162XXX004-00X	T4162XXX005-XXX
RATED VOLTAGE	250V			60V
RATED CURRENT	4A			
POLLUTION DEGREE	3			
OVERVOLTAGE CATEGORY	II			
MATERIAL GROUP	II			
DEGREE OF PROTECTION	IP67			

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES ±

MATERIAL: TBD -

FINISH: - -

DWN GAVIN WANG 25JUL2018
CHK KEVIN HUANG 25JUL2018
APVD CHRIS WANG 25JUL2018

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

CUSTOMER DRAWING

TE Connectivity

NAME: M12X1 MALE TO FEMALE,XP A-CODE,SHIELDED -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	-	C-T4162XXX0XX00X	-

SCALE 2:1 SHEET 1 OF 2 REV A1

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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

TE PN CODING:

T	4	1	6	2	X	X	X	0	X	X	-	0	0	X

THREAD M12X1
DOUBLE ENDED
SHIELDED

S1 TYPE:
1-MALE STRAIGHT
2-MALE 90°
3-FEMALE STRAIGHT
4-FEMALE 90°

CABLE TYPE
1-0.34mm², PVC BLACK
2-0.34mm², PUR GRAY

S2 TYPE:
1-MALE STRAIGHT
2-MALE 90°
3-FEMALE STRAIGHT
4-FEMALE 90°

POLES:
02-INSERT 2 POS
03-INSERT 3 POS
04-INSERT 4 POS
05-INSERT 5 POS

△6
LENGTH:
STANDARD:
-001:0.5 M
-002:1.0 M
-003:1.5 M
-004:3.0 M
-005:5.0 M
-006:7.0 M
-007:10.0 M
CUSTOMIZATION:
-XX0:XX.0 M
-XX5:XX.5 M
-99X: 0.X M
-98X:WITH SPECIAL KEY POSITION
981:0.5M,
982:1.0M...

TE TYPE CODING:

RPC-MI2-XXX-**SH-MI2-XXX-PXX

RPC SERIES

S1 CONNECTOR TYPE:
M12X1 A-CODE
CONNECTOR

S1 TYPE:
2MS-2CON, MALE STRAIGHT
3MS-3CON, MALE STRAIGHT
4MS-4CON, MALE STRAIGHT
5MS-5CON, MALE STRAIGHT
2MR-2CON, MALE 90°
3MR-3CON, MALE 90°
4MR-4CON, MALE 90°
5MR-5CON, MALE 90°
5MRS-5CON, MALE 90°, WITH SPECIAL KEY POSITION

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,
...

S2 CONNECTOR TYPE:
M12X1 A-CODE
CONNECTOR

S2 TYPE:
2FS-2CON, FEMALE STRAIGHT
3FS-3CON, FEMALE STRAIGHT
4FS-4CON, FEMALE STRAIGHT
5FS-5CON, FEMALE STRAIGHT
2FR-2CON, FEMALE 90°
3FR-3CON, FEMALE 90°
4FR-4CON, FEMALE 90°
5FR-5CON, FEMALE 90°

CABLE TYPE
PVC-0.34mm², PVC BLACK
PUR-0.34mm², PUR GRAY

NOTE:
1. TECHNICAL DATA: SEE TABLE 1
2. CODE POSITION INDICATOR
3. RECOMMENDED TORQUE 0.6 Nm
4. CABLE ASSEMBLY TO BE PACKAGED IN POLYBAGS
5. LABEL CONTAINS: PN, DATE CODE...
6. CABLE LENGTH CODE:
STANDARD LENGTH:001...007
CUSTOMIZATION LENGTH: >1.0M;XX0 OR XX5
EXAMPLE:3.5M:035;15.0M:150...
<1.0M;99X
EXAMPLE:0.4M:994;...0.9M:999

注释:
1. 技术参数:参考表1
2. CODE位置指示
3. 推荐扭矩0.6 Nm
4. 线缆组件塑料袋包装
5. 标签包含: 产品编号, 日期代码...
6. 线缆长度编码:
标准长度:001...007
定制长度:>1.0M;XX0 或 XX5
例如:3.5M:035;15.0M:150...
<1.0M;99X
例如:0.4M:994;...0.9M:999

CABLE TEMP.RANGE	JACKET COLOR	JACKET MATERIAL	TYPE	POS.	TE PART NUMBER
FIXED: -40℃~80℃ FLXIBLE: -25℃~80℃	GRAY	PUR (UL)	RPC-M12-5MR-**SH-M12-5FR-PUR	5	T4162224005-00X
			RPC-M12-4MR-**SH-M12-4FR-PUR	4	T4162224004-00X
			RPC-M12-3MR-**SH-M12-3FR-PUR	3	T4162224003-00X
			RPC-M12-2MR-**SH-M12-2FR-PUR	2	T4162224002-00X
FIXED: -10℃~80℃ FLXIBLE: -5℃~80℃	BLACK	PVC (UL)	RPC-M12-5MR-**SH-M12-5FR-PVC	5	T4162214005-00X
			RPC-M12-4MR-**SH-M12-4FR-PVC	4	T4162214004-00X
			RPC-M12-3MR-**SH-M12-3FR-PVC	3	T4162214003-00X
			RPC-M12-2MR-**SH-M12-2FR-PVC	2	T4162214002-00X
FIXED: -40℃~80℃ FLXIBLE: -25℃~80℃	GRAY	PUR (UL)	RPC-M12-5MR-**SH-M12-5FS-PUR	5	T4162223005-00X
			RPC-M12-4MR-**SH-M12-4FS-PUR	4	T4162223004-00X
			RPC-M12-3MR-**SH-M12-3FS-PUR	3	T4162223003-00X
			RPC-M12-2MR-**SH-M12-2FS-PUR	2	T4162223002-00X
FIXED: -10℃~80℃ FLXIBLE: -5℃~80℃	BLACK	PVC (UL)	RPC-M12-5MRS-**SH-M12-5FS-PVC	5	T4162213005-98X
			RPC-M12-5MR-**SH-M12-5FS-PVC	5	T4162213005-00X
			RPC-M12-4MR-**SH-M12-4FS-PVC	4	T4162213004-00X
			RPC-M12-3MR-**SH-M12-3FS-PVC	3	T4162213003-00X
			RPC-M12-2MR-**SH-M12-2FS-PVC	2	T4162213002-00X
FIXED: -40℃~80℃ FLXIBLE: -25℃~80℃	GRAY	PUR (UL)	RPC-M12-5MS-**SH-M12-5FR-PUR	5	T4162124005-00X
			RPC-M12-4MS-**SH-M12-4FR-PUR	4	T4162124004-00X
			RPC-M12-3MS-**SH-M12-3FR-PUR	3	T4162124003-00X
			RPC-M12-2MS-**SH-M12-2FR-PUR	2	T4162124002-00X
FIXED: -10℃~80℃ FLXIBLE: -5℃~80℃	BLACK	PVC (UL)	RPC-M12-5MS-**SH-M12-5FR-PVC	5	T4162114005-00X
			RPC-M12-4MS-**SH-M12-4FR-PVC	4	T4162114004-00X
			RPC-M12-3MS-**SH-M12-3FR-PVC	3	T4162114003-00X
			RPC-M12-2MS-**SH-M12-2FR-PVC	2	T4162114002-00X
FIXED: -40℃~80℃ FLXIBLE: -25℃~80℃	GRAY	PUR (UL)	RPC-M12-5MS-**SH-M12-5FS-PUR	5	T4162123005-00X
			RPC-M12-4MS-**SH-M12-4FS-PUR	4	T4162123004-00X
			RPC-M12-3MS-**SH-M12-3FS-PUR	3	T4162123003-00X
			RPC-M12-2MS-**SH-M12-2FS-PUR	2	T4162123002-00X
FIXED: -10℃~80℃ FLXIBLE: -5℃~80℃	BLACK	PVC (UL)	RPC-M12-5MS-**SH-M12-5FS-PVC	5	T4162113005-00X
			RPC-M12-4MS-**SH-M12-4FS-PVC	4	T4162113004-00X
			RPC-M12-3MS-**SH-M12-3FS-PVC	3	T4162113003-00X
			RPC-M12-2MS-**SH-M12-2FS-PVC	2	T4162113002-00X

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES ±

MATERIAL -
FINISH -

DWN GAVIN WANG 25JUL2018
CHK KEVIN HUANG 25JUL2018
APVD CHRIS WANG 25JUL2018
PRODUCT SPEC 108-106140
APPLICATION SPEC 114-137144
WEIGHT -

TE Connectivity

NAME M12X1 MALE TO FEMALE, XP A-CODE, SHIELDED

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	-	C-T4162XXX0XX00X	-

CUSTOMER DRAWING | SCALE 2:1 | SHEET 2 OF 2 | REV A1