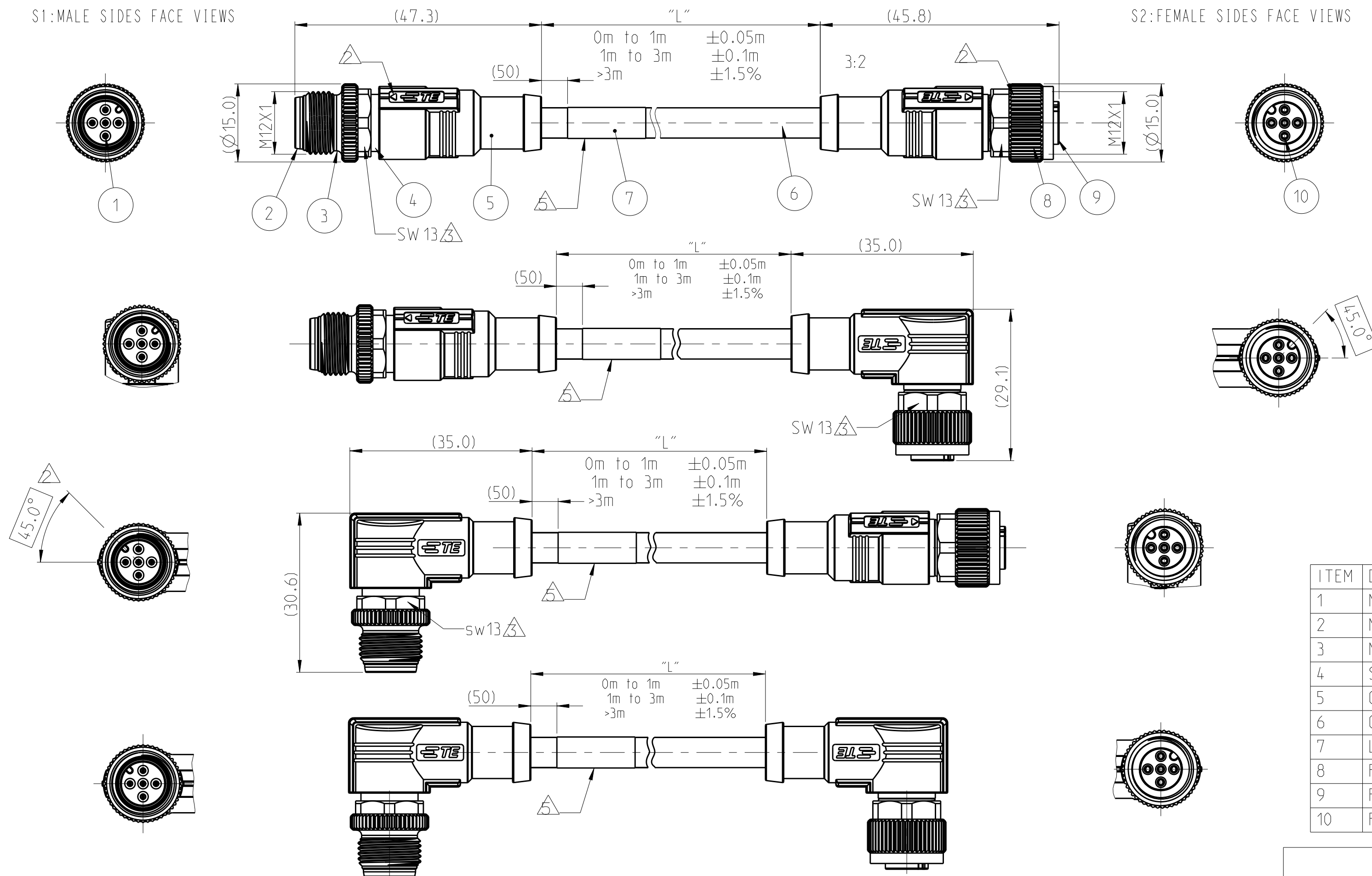


## REVISIONS

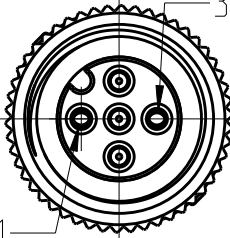
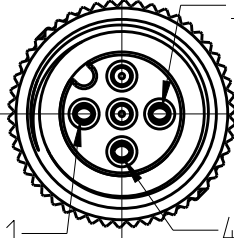
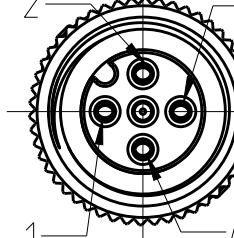
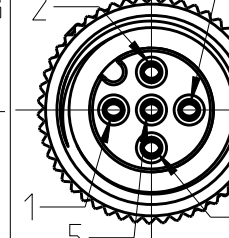
P	LTR	DESCRIPTION	DATE	DWN	AP
	A	INITIAL RELEASE	25 JUL 2018	G.W	C.W

S2:FEMALE SIDES FACE VIEWS





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	T4162XX002-00X	T4162XX003-00X	T4162XX004-00X	T4162XX005-00X
RATED VOLTAGE	250V			60V
RATED CURRENT	4A			
POLLUTION DEGREE	3			
OVERVOLTAGE CATEGORY	II			
MATERIAL GROUP	II			
DEGREE OF PROTECTION	IP67			

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 25JUL2018 GAVIN WANG CHR 25JUL2018 KEVIN HUANG APVD 25JUL2018 CHRIS WANG		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH		NAME M12X1 MALE TO FEMALE,XP A-CODE,SHIELDED -	
		PRODUCT SPEC 108-106140		SIZE A2	
MATERIAL TBD		APPLICATION SPEC 114-137144		CAGE CODE -	
-		WEIGHT -		DRAWING NO C=T4162XXX0XX00X	
CUSTOMER DRAWING		SCALE 3:2		SHEET 1 OF 2 REV A	

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

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TE PN CODING:

T4I62XXXX0XX-00X

THREAD M12X1  
DOUBLE ENDED  
SHIELDED

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

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

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

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

TE TYPE CODING:

RPC-M12-XXX-\*\*SH-M12-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°

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:

△. TECHNICAL DATA: SEE TABLE 1

△. CODE POSITION INDICATOR

△. RECOMMENDED TORQUE 0.6 Nm

4. CABLE ASSEMBLY TO BE PACKAGED IN POLYBAGS

△. LABEL CONTAINS: PN, DATE CODE...

△. 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:

△. 技术参数:参考表1

△. CODE位置指示

△. 推荐扭矩0.6 Nm

4. 线缆组件塑料袋包装

△. 标签包含: 产品编号, 日期代码...

△. 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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

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

MATERIAL

-

DWN  
GAVIN WANG  
25 JUL 2018

CHK  
KEVIN HUANG  
25 JUL 2018

APVD  
CHRIS WANG  
25 JUL 2018

PRODUCT SPEC  
108-106140

APPLICATION SPEC  
114-137144

WEIGHT  
-

CUSTOMER DRAWING

TE Connectivity

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

SIZE  
A2

CAGE CODE  
-

DRAWING NO  
T4162XXX0XX00X

RESTRICTED TO  
-

SCALE  
3:2

SHEET  
2 OF 2

REV  
A

REVISONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1

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-M12-5MR-\*\*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

CABLE  
TEMP.RANGE

JACKET  
COLOR

JACKET  
MATERIAL

TYPE

POS.

TE PART NUMBER

1471-9 (3/13)