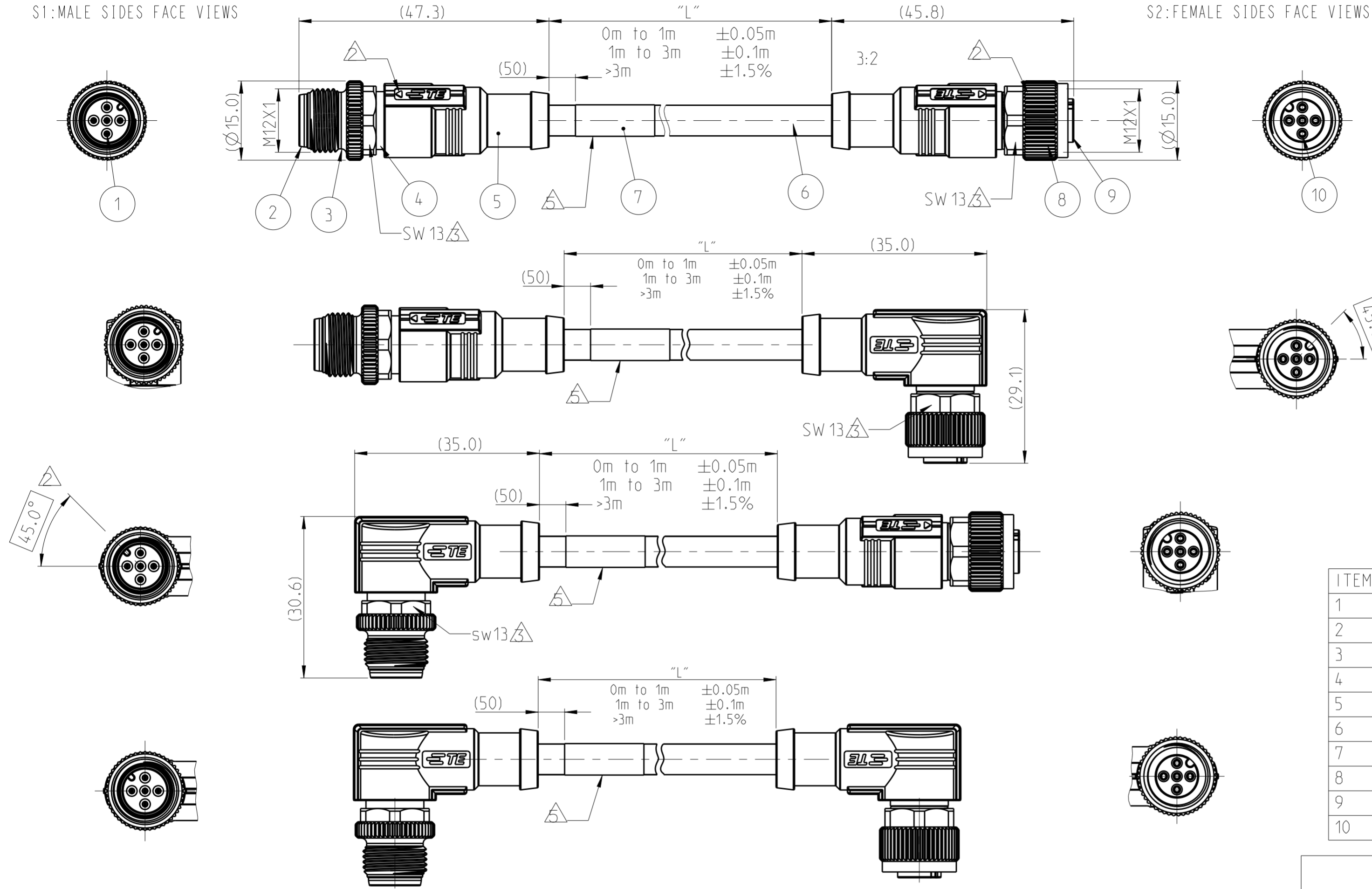


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REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
A		INITIAL RELEASE	25 JUL 2018	G.W C.W

S1: MALE SIDES FACE VIEWS

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	T4162XXX002-00X	T4162XXX003-00X	T4162XXX004-00X	T4162XXX005-00X
	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 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

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

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

MATERIAL: TBD TOLERANCES UNLESS OTHERWISE SPECIFIED: DIMENSIONS: mm

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

CUSTOMER DRAWING SCALE: 3:2 SHEET: 1 OF 2 REV: A

STE TE Connectivity

REVISIONS				
P	LTR	DESCRIPTION	DATE	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°

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 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°

S2 CONNECTOR TYPE:  
M12X1 A-CODE  
CONNECTOR


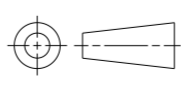
CABLE TYPE  
PVC-0.34mm², PVC BLACK  
PUR-0.34mm², PUR GRAY

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

FIXED: -40°C~80°C FLXIBLE: -25°C~80°C	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°C~80°C FLXIBLE: -5°C~80°C	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
FIXED: -40°C~80°C FLXIBLE: -25°C~80°C	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
FIXED: -10°C~80°C FLXIBLE: -5°C~80°C	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
FIXED: -40°C~80°C FLXIBLE: -25°C~80°C	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
FIXED: -10°C~80°C FLXIBLE: -5°C~80°C	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
FIXED: -40°C~80°C FLXIBLE: -25°C~80°C	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
FIXED: -10°C~80°C FLXIBLE: -5°C~80°C	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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN GAVIN WANG 25 JUL 2018	 TE Connectivity		
DIMENSIONS: mm		CHK KEVIN HUANG 25 JUL 2018			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD CHRIS WANG 25 JUL 2018	NAME M12X1 MALE TO FEMALE,XP A-CODE,SHIELDED		
		PRODUCT SPEC 108-106140	RESTRICTED TO		
MATERIAL		APPLICATION SPEC 114-137144	SIZE A2	CAGE CODE	DRAWING NO T4162XXX0XX00X
		WEIGHT	SCALE 3:2	SHEET 2 OF 2	REV A
		CUSTOMER DRAWING			

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[107CKR010M](#) [107CKH063MSA](#) [RJH-25V222MI9#](#) [RJH-35V221MG5#](#) [B43827A1106M8](#) [RJH-50V221MH6#](#) [EKYA500ELL470MF11D](#)  
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[450MXK330MA2RFC22X50](#) [63ZLH560MEFCG412.5X30](#) [ELH2DM331O25KT](#) [ELH2DM471P30KT](#)