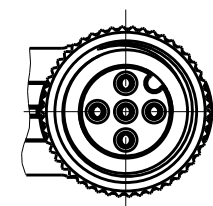
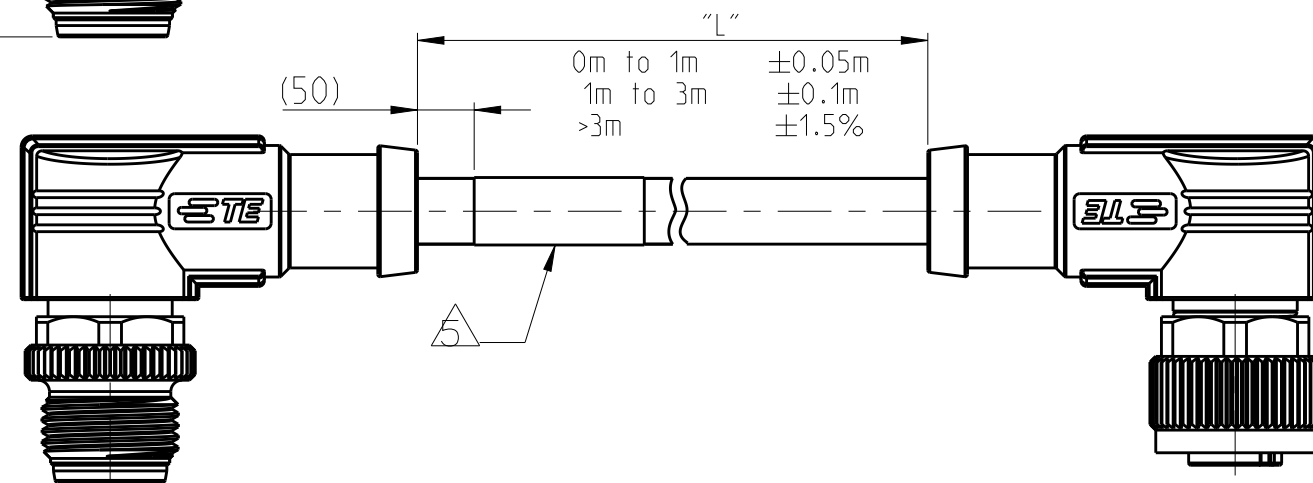


A top-down view of a circular connector. It features a central ground pin surrounded by four signal pins, all arranged in a circular pattern. The connector has a flange with a scalloped edge and a cable extending from the side.

IP671471-9 (3/13)

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-

TE PN CODING:

T4162XXXX0XX-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

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

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-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°  
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:

△. 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

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
|   |     | SEE SHEET 1 |      |     |      |
|   |     |             |      |     |      |
|   |     |             |      |     |      |

|                                            |                 |                    |                               |      |                 |
|--------------------------------------------|-----------------|--------------------|-------------------------------|------|-----------------|
| FIXED:<br>-40℃~80℃<br>FLXIBLE:<br>-25℃~80℃ | GRAY            | PUR<br>(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:<br>-10℃~80℃<br>FLXIBLE:<br>-5℃~80℃  | BLACK           | PVC<br>(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:<br>-40℃~80℃<br>FLXIBLE:<br>-25℃~80℃ | GRAY            | PUR<br>(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:<br>-10℃~80℃<br>FLXIBLE:<br>-5℃~80℃  | BLACK           | PVC<br>(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:<br>-40℃~80℃<br>FLXIBLE:<br>-25℃~80℃ | GRAY            | PUR<br>(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:<br>-10℃~80℃<br>FLXIBLE:<br>-5℃~80℃  | BLACK           | PVC<br>(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:<br>-40℃~80℃<br>FLXIBLE:<br>-25℃~80℃ | GRAY            | PUR<br>(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:<br>-10℃~80℃<br>FLXIBLE:<br>-5℃~80℃  | BLACK           | PVC<br>(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<br>TEMP.RANGE                        | JACKET<br>COLOR | JACKET<br>MATERIAL | TYPE                          | POS. | TE PART NUMBER  |

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  
2:1

SHEET  
2 OF 2

REV  
A1

1471-9 (3/13)

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