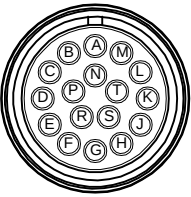


FEMALE END VIEW (J1)



A = BLUE W/WHITE #1

B = BLUE W/WHITE #2

C = BLUE W/WHITE #3

D = BLUE W/WHITE #4

E = N/C

F = BLUE W/WHITE #6

G = BLUE W/WHITE #7

H = BLUE W/WHITE #8

J = BLUE W/WHITE #9

K = BLUE W/WHITE #10

L = BLUE W/WHITE #11

M = BLUE W/WHITE #12

N = BLUE W/WHITE #13

P = BLUE W/WHITE #14

R = BLUE W/WHITE #15

S = BLUE W/WHITE #16

T = BLUE W/WHITE #17

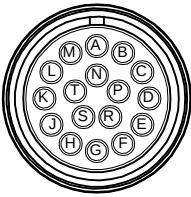
CONNECTOR

TYPE/STYLE - 97-3101A

SHELL SIZE - 20

INSERT ARRANGEMENT - 29S

MALE END VIEW (P1)



A = BLUE W/WHITE #1

B = BLUE W/WHITE #2

C = BLUE W/WHITE #3

D = BLUE W/WHITE #4

E = BLUE W/WHITE #5

F = BLUE W/WHITE #6

G = BLUE W/WHITE #7

H = BLUE W/WHITE #8

I = BLUE W/WHITE #9

J = BLUE W/WHITE #10

K = BLUE W/WHITE #11

L = BLUE W/WHITE #12

M = BLUE W/WHITE #13

N = BLUE W/WHITE #14

O = BLUE W/WHITE #15

P = BLUE W/WHITE #16

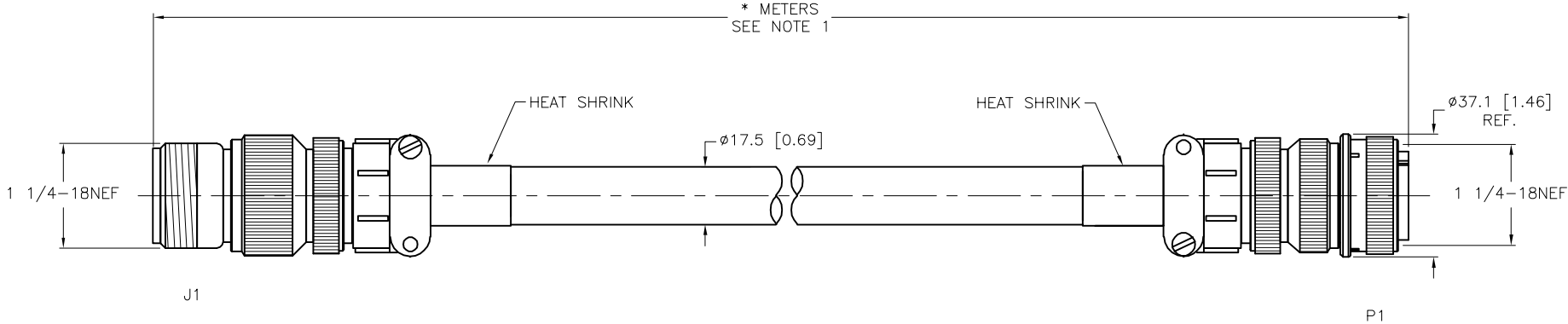
CONNECTOR

TYPE/STYLE - 97-3106A

SHELL SIZE - 20

INSERT ARRANGEMENT - 29P

| SPECIFICATIONS                |                                    |
|-------------------------------|------------------------------------|
| CONTACT CARRIER MATERIAL      | NEOPRENE                           |
| MOLDED HEAD MATERIAL/COLOR    | PVC/BLACK                          |
| CONTACT MATERIAL/PLATING      | COPPER ALLOY/SILVER                |
| COUPLING NUT MATERIAL/PLATING | ALUMINUM ALLOY/OLIVE DRAB CHROMATE |
| MOLD SLEEVE                   | ALUMINUM/BLACK ANODIZED            |
| RATED CURRENT [A]             | 6.0 A                              |
| RATED VOLTAGE [V]             | 500 VAC/600 VDC                    |
| OUTER JACKET MATERIAL/COLOR   | TPE/GRAY                           |
| CONDUCTOR INSULATION MATERIAL | PVC                                |
| NUMBER OF CONDUCTORS          | 19x16 AWG                          |
| TEMPERATURE RATING            | -40°C to +90°C (-40°F to +194°F)   |
| CONNECTOR TYPE                | MIL-DTL-5015                       |



| CABLE LENGTH                 | TOLERANCE*                                                                  |
|------------------------------|-----------------------------------------------------------------------------|
| ALL LENGTHS                  | + 4% (OR 50mm) OF LENGTH<br>- 0% (OR 0mm) OF LENGTH<br>WHICHEVER IS GREATER |
| STRIP LENGTH                 | TOLERANCE*                                                                  |
| 0-7mm                        | ±0.5mm                                                                      |
| 8-29mm                       | ±1.0mm                                                                      |
| 30-49mm                      | ±2.0mm                                                                      |
| 50-69mm                      | ±3.0mm                                                                      |
| 70-100mm                     | ±4.0mm                                                                      |
| OVER 100mm                   | ±5.0mm                                                                      |
| * UNLESS OTHERWISE SPECIFIED |                                                                             |

NOTES:

1. "\*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTH.

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS

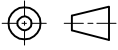
1.

2.

3.

4.

3RD ANGLE PROJECTION



ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

MATERIAL

SEE SPECIFICATIONS

FINISH

SEE SPECIFICATIONS

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DRFT ER

DATE 08/29/18

APVD D.L.

SCALE 1=2.0

UNIT OF MEASUREMENT

MILLIMETER [ INCH ]

DO NOT SCALE THIS DRAWING

3000 CAMPUS DRIVE  
MINNEAPOLIS, MN 55441  
1-800-544-7769  
(763) 553-7300  
(763) 553-0708 fax  
www.turck.us



DESCRIPTION

97-3101A-20-29S-2212-\* -3106A-20-29P

IDENTIFICATION NO.

REV

B

FILE: 777042086

SHEET 1 OF 1

|     |             |    |          |          |
|-----|-------------|----|----------|----------|
| B   | UPDATED BOM | ER | 09/24/18 | 66882    |
| REV | DESCRIPTION | BY | DATE     | ECO. NO. |