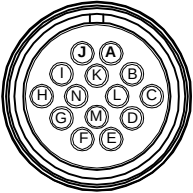


MALE END VIEW



A = VIOLET

B = RED

C = GRAY

D = RED/BLU

E = GREEN

F = BLUE

G = GRY/PNK

H = WHITE

I = YELLOW

J = PINK

K = GRN/YEL

L = BROWN

M = BRN/GRN

N = BLACK

CONNECTOR
TYPE/STYLE – MS 3102A
SHELL SIZE – 20
INSERT ARRANGEMENT – 27P

SPECIFICATIONS

CONTACT CARRIER MATERIAL	NEOPRENE
CONTACT MATERIAL/PLATING	COPPER ALLOY/SILVER
HOUSING MATERIAL/PLATING	ALUMINUM ALLOY/OLIVE DRAB CHROMATE
RATED CURRENT [A]	5.5 A
RATED VOLTAGE [V]	500 V
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS	14x18 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 – 0% (OR 0mm) OF LENGTH 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	



CAUTION:
RISK OF ELECTRICAL SHOCK
DO NOT DISCONNECT UNDER LOAD

SOURCE DRAWING – FOR REFERENCE ONLY

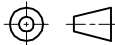
NOTES:
1. "*)" INDICATES LEAD LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTH.

B	UPDATE RATED CURRENT	RDS	12/09/20	76345
REV	DESCRIPTION	BY	DATE	ECO NO.

RELATED DOCUMENTS

1.
2.
3.
4.

3RD ANGLE PROJECTION



MATERIAL

SEE SPECIFICATIONS

FINISH

SEE SPECIFICATIONS

THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.

DRFT RDS
APVD

DATE 03/17/14
SCALE 1=1.0

UNIT OF MEASUREMENT
MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

TURCK

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

DESCRIPTION

MS 3102A-20-27P-1097-*

IDENTIFICATION NO.

FILE: 777033235

REV

B

SHEET 1 OF 1