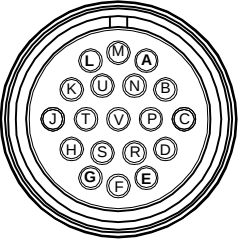


MALE END VIEW



A = VIOLET

B = RED

C = GRAY

D = RED/BLU

E = GREEN

F = BLUE

G = GRY/PNK

H = WHT/GRN

J = WHT/YEL

K = WHT/GRY

L = BLACK

M = GRN/YEL

N = YEL/BRN

P = BRN/GRN

R = WHITE

S = YELLOW

T = PINK

U = GRY/BRN

V = BROWN

CONNECTOR
TYPE/STYLE/CLASS - MS 3100A
SHELL SIZE - 22
INSERT ARRANGEMENT - 14P

SPECIFICATIONS

CONTACT CARRIER MATERIAL	NEOPRENE
CONTACT MATERIAL/PLATING	COPPER ALLOY/SILVER
HOUSING MATERIAL/PLATING	ALUMINUM ALLOY/OLIVE DRAB CHROMATE
RATED CURRENT [A]	5.0 V
RATED VOLTAGE [V]	300 V
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS	19x18 AWG
TEMPERATURE RATING	-40°C to +105°C (-40°F to +221°F)
PROTECTION CLASS	MEETS NEMA 1,3,4,6P AND IEC IP67,IP68
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	

NOTES:

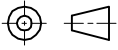
1. "*" INDICATES LEAD LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTH.

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS

1.
2.
3.
4.

3RD ANGLE PROJECTION



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DRFT NF

DATE 03/04/15

APVD C.K.

SCALE 1=1.0

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

TURCK

DESCRIPTION
MS 3100A-22-14P-1610-*

IDENTIFICATION NO.

REV
B

B	UPDATE RATED CURRENT	RDS	12/09/20	76346
REV	DESCRIPTION	BY	DATE	ECO NO.