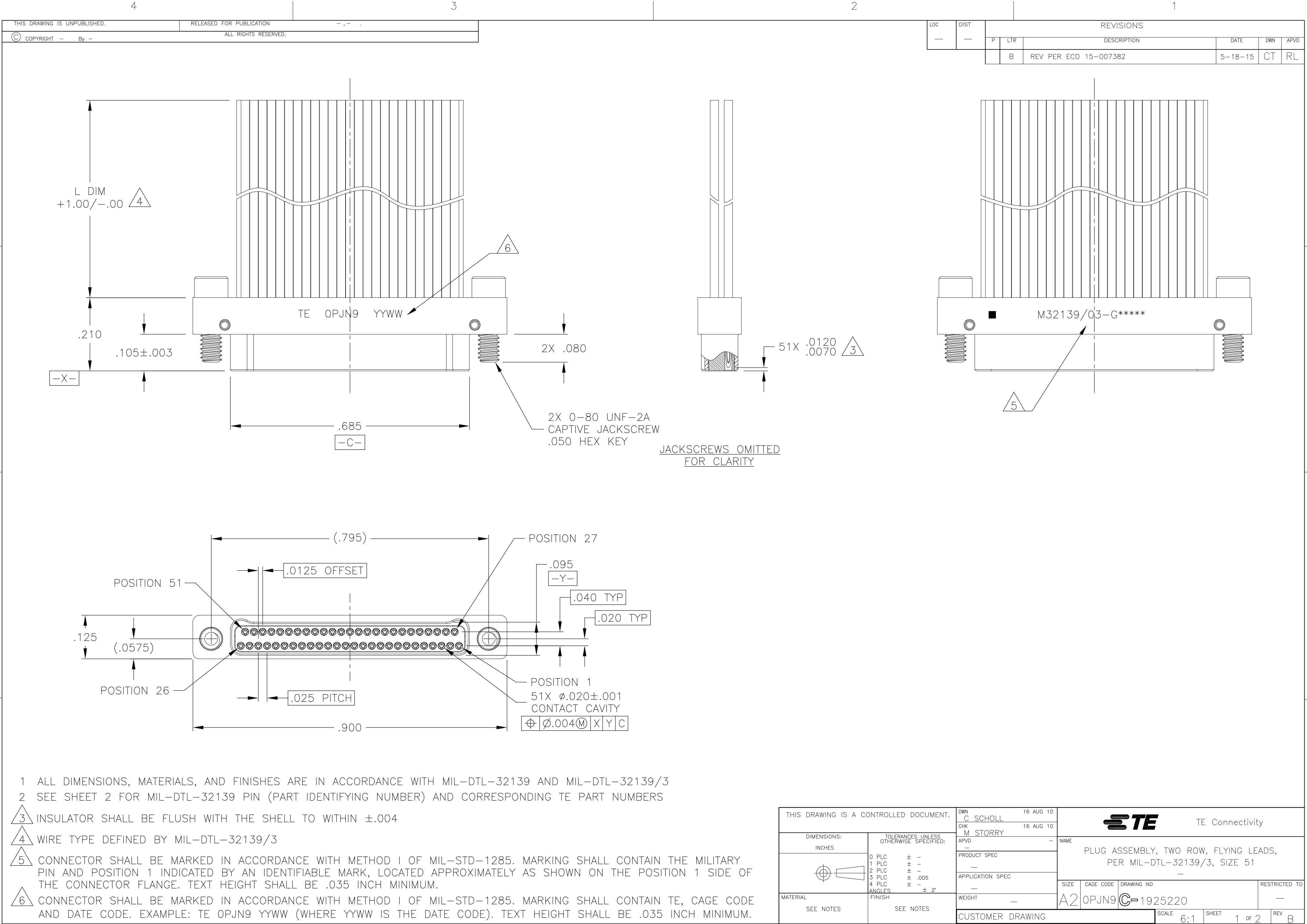




- 1 ALL DIMENSIONS, MATERIALS, AND FINISHES ARE IN ACCORDANCE WITH MIL-DTL-32139 AND MIL-DTL-32139/3
- 2 SEE SHEET 2 FOR MIL-DTL-32139 PIN (PART IDENTIFYING NUMBER) AND CORRESPONDING TE PART NUMBERS
- 3 INSULATOR SHALL BE FLUSH WITH THE SHELL TO WITHIN $\pm .004$
- 4 WIRE TYPE DEFINED BY MIL-DTL-32139/3
- 5 CONNECTOR SHALL BE MARKED IN ACCORDANCE WITH METHOD I OF MIL-STD-1285. MARKING SHALL CONTAIN THE MILITARY PIN AND POSITION 1 INDICATED BY AN IDENTIFIABLE MARK, LOCATED APPROXIMATELY AS SHOWN ON THE POSITION 1 SIDE OF THE CONNECTOR FLANGE. TEXT HEIGHT SHALL BE .035 INCH MINIMUM.
- 6 CONNECTOR SHALL BE MARKED IN ACCORDANCE WITH METHOD I OF MIL-STD-1285. MARKING SHALL CONTAIN TE, CAGE CODE AND DATE CODE. EXAMPLE: TE OPJN9 YYWW (WHERE YYWW IS THE DATE CODE). TEXT HEIGHT SHALL BE .035 INCH MINIMUM.

4

3

2

1

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

-

-

SEE SHEET 1

-

-

-

PART NUMBER CROSS REFERENCE

TE P/N	L DIM	MIL SPEC PIN	NANONICS P/N
1925220-1	6	M32139/03-G01SNS	TMN2N051PC2DX006S
1925220-2	6	M32139/03-G01SSS	TMN2S051PC2DX006S
1925220-3	18	M32139/03-G02SNS	TMN2N051PC2DX018S
1925220-4	18	M32139/03-G02SSS	TMN2S051PC2DX018S
1925220-5	36	M32139/03-G03SNS	TMN2N051PC2DX036S
1925220-6	36	M32139/03-G03SSS	TMN2S051PC2DX036S
1925220-7	6	M32139/03-G04SNS	TMN2N051PC2DM006S
1925220-8	6	M32139/03-G04SSS	TMN2S051PC2DM006S
1925220-9	18	M32139/03-G05SNS	TMN2N051PC2DM018S
1-1925220-0	18	M32139/03-G05SSS	TMN2S051PC2DM018S
1-1925220-1	36	M32139/03-G06SNS	TMN2N051PC2DM036S
1-1925220-2	36	M32139/03-G06SSS	TMN2S051PC2DM036S
1-1925220-3	6	M32139/03-G07SNS	TMN2N051PC2DT006S
1-1925220-4	6	M32139/03-G07SSS	TMN2S051PC2DT006S
1-1925220-5	18	M32139/03-G08SNS	TMN2N051PC2DT018S
1-1925220-6	18	M32139/03-G08SSS	TMN2S051PC2DT018S
1-1925220-7	36	M32139/03-G09SNS	TMN2N051PC2DT036S
1-1925220-8	36	M32139/03-G09SSS	TMN2S051PC2DT036S
1-1925220-9	6	M32139/03-G10SNS	TMN2N051PC2TM006S
2-1925220-0	6	M32139/03-G10SSS	TMN2S051PC2TM006S
2-1925220-1	18	M32139/03-G11SNS	TMN2N051PC2TM018S
2-1925220-2	18	M32139/03-G11SSS	TMN2S051PC2TM018S
2-1925220-3	36	M32139/03-G12SNS	TMN2N051PC2TM036S
2-1925220-4	36	M32139/03-G12SSS	TMN2S051PC2TM036S

2-1925220-5

2-1925220-6

2-1925220-7

2-1925220-8

2-1925220-9

3-1925220-0

3-1925220-1

3-1925220-2

3-1925220-3

3-1925220-4

3-1925220-5

3-1925220-6

6

6

18

18

36

36

6

6

18

18

36

36

M32139/03-G13SNS

M32139/03-G13SSS

M32139/03-G14SNS

M32139/03-G14SSS

M32139/03-G15SNS

M32139/03-G15SSS

M32139/03-G16SNS

M32139/03-G16SSS

M32139/03-G17SNS

M32139/03-G17SSS

M32139/03-G18SNS

M32139/03-G18SSS

TMN2N051PC2CX006S

TMN2S051PC2CX006S

TMN2N051PC2CX018S

TMN2S051PC2CX018S

TMN2N051PC2CX036S

TMN2S051PC2CX036S

TMN2N051PC2CM006S

TMN2S051PC2CM006S

TMN2N051PC2CM018S

TMN2S051PC2CM018S

TMN2N051PC2CM036S

TMN2S051PC2CM036S

9

TMN

X

X

XXX

XX

X

XX

XXX

X

CLASS

M32139

ROW

2 2 ROW

FINISH

N ELECTROLESS NICKEL
S STAINLESS STEEL

POSITION

051 51 POSITION

HARDWARE/THREADS

S 0-80 JACKSCREW, CAPTIVATED (PLUGS)

CONDUCTOR LENGTH

006 SIX INCHES
018 EIGHTEEN INCHES
036 THIRTY SIX INCHES

CONDUCTOR TYPE

DX WHITE PTFE PER NEMA HP3-ETXBBB9
DM COLOR CODED PTFE PER MIL-STD-681, SYSTEM 1
DT WHITE ETFE PER M22759/33-30-9
TM COLOR CODED ETFE PER MIL-STD-681, SYSTEM 1
CX WHITE COMPOSITE/PTFE PER DSCC 04047-30A-9
CM COLOR CODED COMPOSITE/PTFE PER MIL-STD-681, SYSTEM 1

CONDUCTOR SIZE/STRANDS

2 30AWG 7 STRAND

CONFIGURATION

PC PLUG

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

DWN 16 AUG 10
CHK 16 AUG 10
M STORRY

APVD -

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME
PLUG ASSEMBLY, TWO ROW, FLYING LEADS,
PER MIL-DTL-32139/3, SIZE 51

SIZE
A2

CAGE CODE
0PJN9

DRAWING NO
C=1925220

RESTRICTED TO
-

SCALE
6:1

SHEET
2 of 2

REV
B

7

THE FINAL 'S' IN THE MIL-SPEC PIN SIGNIFIES THAT THE CONNECTOR IS "SPACE CLASS". OMITTING THIS CHARACTER WILL YIELD THE SAME CORRESPONDING TE AND NANONICS PART NUMBERS.

8

THE COLOR CODE SHALL ONLY INCLUDE THE 10 SOLID COLORS IN REPEATING SEQUENCE.

9

PRELIMINARY PARTS - NOT RELEASED FOR PRODUCTION

1471-9 (3/11)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[TMN2N051PC2DM018S](#)