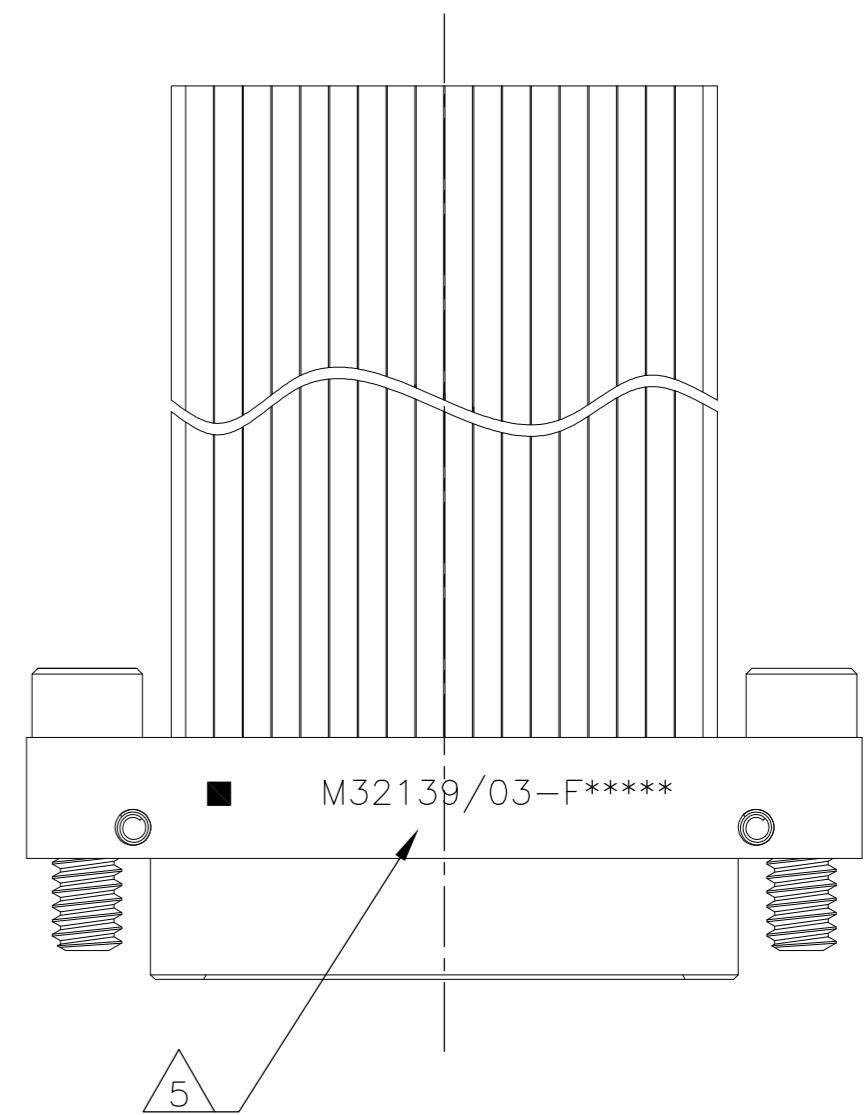
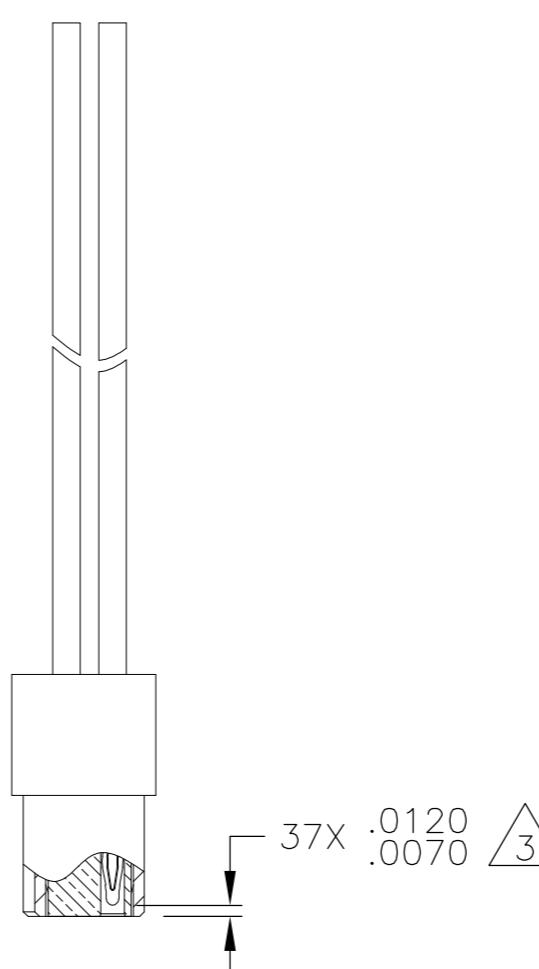
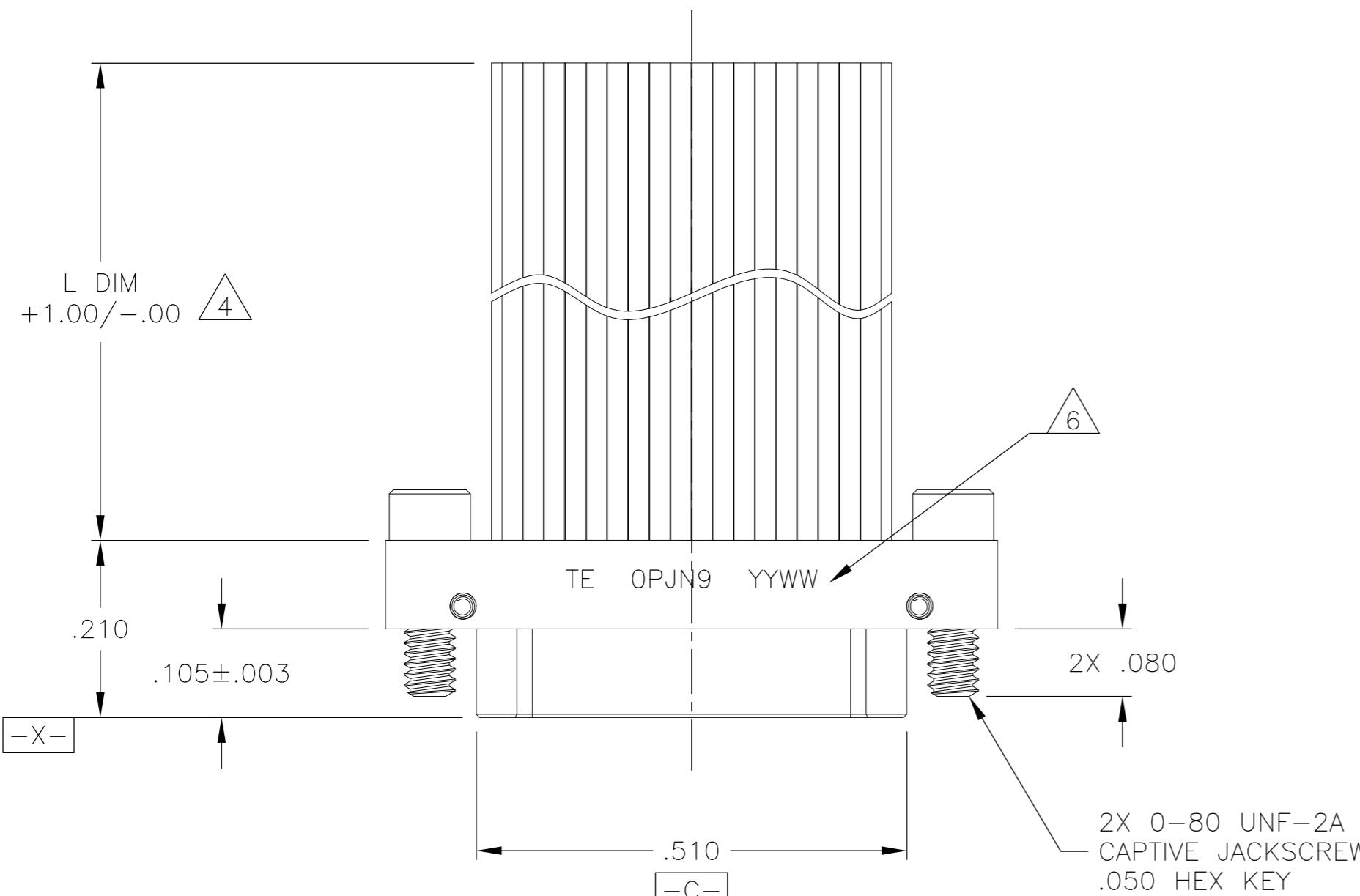
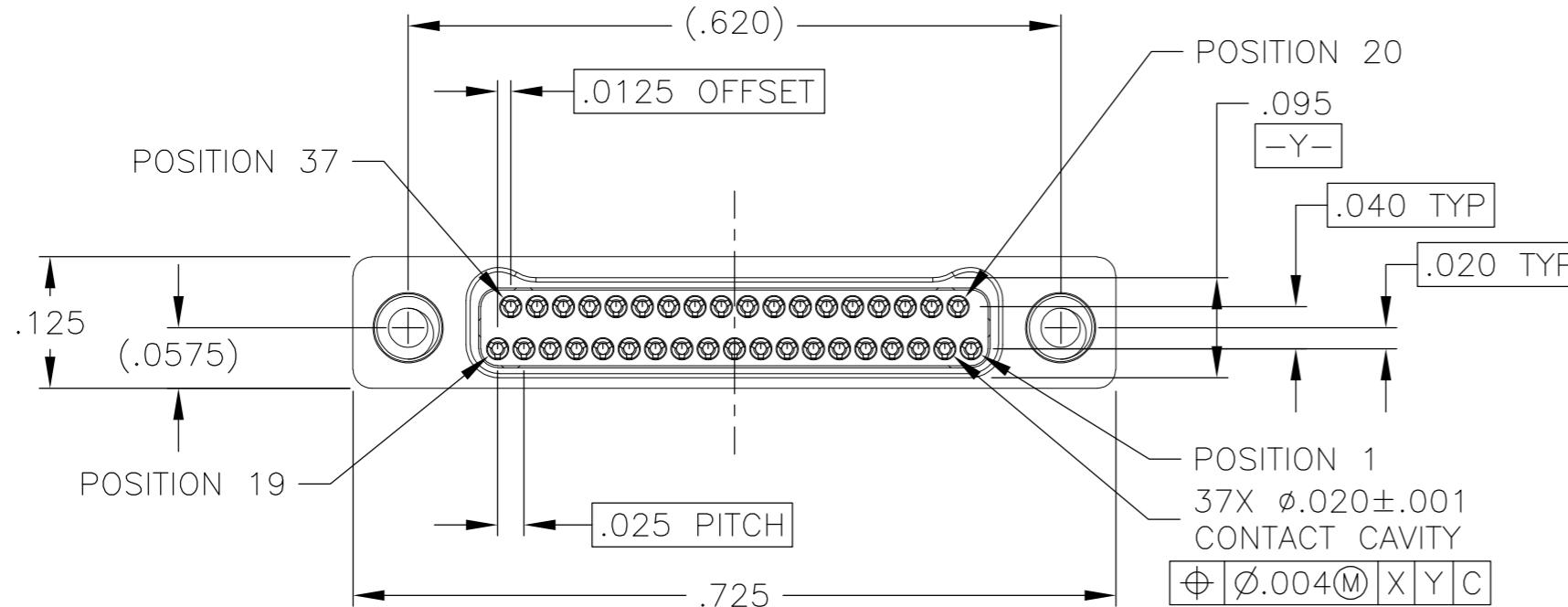


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REVISIONS  
LOC — DIST —  
P LTR —  
B REV PER ECO 15-007382  
DATE 5-18-15 DWN APVD CT RL



JACKSCREWS OMITTED  
FOR CLARITY



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 ±.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.

THIS DRAWING IS A CONTROLLED DOCUMENT.		16 AUG 10	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
0 PLC	± -	1 PLC	16 AUG 10
1 PLC	± -	2 PLC	—
2 PLC	± -	3 PLC	—
3 PLC	± .005	4 PLC	—
4 PLC	± -	ANGLES	± 2°
MATERIAL		FINISH	WEIGHT
SEE NOTES		SEE NOTES	—
CUSTOMER DRAWING		SCALE	6:1
A2 OPJN9 C-1925219		RESTRICTED TO	—
TE Connectivity		NAME	PLUG ASSEMBLY, TWO ROW, FLYING LEADS,
			PER MIL-DTL-32139/3, SIZE 37
			—
CAGE CODE		DRAWING NO	—
OPJN9		C-1925219	—
REV B		SCALE	6:1
1 OF 2		RESTRICTED TO	—

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LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	
		—	—	SEE SHEET 1	—	—

PART NUMBER CROSS REFERENCE			
TE P/N	L DIM  4	MIL SPEC PIN  7	NANONICS P/N
1925219-1	6	M32139/03-F01SNS	TMN2N037PC2DX006S
1925219-2	6	M32139/03-F01SSS	TMN2S037PC2DX006S
1925219-3	18	M32139/03-F02SNS	TMN2N037PC2DX018S
1925219-4	18	M32139/03-F02SSS	TMN2S037PC2DX018S
1925219-5	36	M32139/03-F03SNS	TMN2N037PC2DX036S
1925219-6	36	M32139/03-F03SSS	TMN2S037PC2DX036S
1925219-7	6	M32139/03-F04SNS	TMN2N037PC2DM006S
1925219-8	6	M32139/03-F04SSS	TMN2S037PC2DM006S
1925219-9	18	M32139/03-F05SNS	TMN2N037PC2DM018S
1-1925219-0	18	M32139/03-F05SSS	TMN2S037PC2DM018S
1-1925219-1	36	M32139/03-F06SNS	TMN2N037PC2DM036S
1-1925219-2	36	M32139/03-F06SSS	TMN2S037PC2DM036S
1-1925219-3	6	M32139/03-F07SNS	TMN2N037PC2DT006S
1-1925219-4	6	M32139/03-F07SSS	TMN2S037PC2DT006S
1-1925219-5	18	M32139/03-F08SNS	TMN2N037PC2DT018S
1-1925219-6	18	M32139/03-F08SSS	TMN2S037PC2DT018S
1-1925219-7	36	M32139/03-F09SNS	TMN2N037PC2DT036S
1-1925219-8	36	M32139/03-F09SSS	TMN2S037PC2DT036S
1-1925219-9	6	M32139/03-F10SNS	TMN2N037PC2TM006S
2-1925219-0	6	M32139/03-F10SSS	TMN2S037PC2TM006S
2-1925219-1	18	M32139/03-F11SNS	TMN2N037PC2TM018S
2-1925219-2	18	M32139/03-F11SSS	TMN2S037PC2TM018S
2-1925219-3	36	M32139/03-F12SNS	TMN2N037PC2TM036S
2-1925219-4	36	M32139/03-F12SSS	TMN2S037PC2TM036S

2-1925219-5	6	M32139/03-F13SNS	TMN2N037PC2CX006S
2-1925219-6	6	M32139/03-F13SSS	TMN2S037PC2CX006S
2-1925219-7	18	M32139/03-F14SNS	TMN2N037PC2CX018S
2-1925219-8	18	M32139/03-F14SSS	TMN2S037PC2CX018S
2-1925219-9	36	M32139/03-F15SNS	TMN2N037PC2CX036S
3-1925219-0	36	M32139/03-F15SSS	TMN2S037PC2CX036S
3-1925219-1	6	M32139/03-F16SNS	TMN2N037PC2CM006S
3-1925219-2	6	M32139/03-F16SSS	TMN2S037PC2CM006S
3-1925219-3	18	M32139/03-F17SNS	TMN2N037PC2CM018S
3-1925219-4	18	M32139/03-F17SSS	TMN2S037PC2CM018S
3-1925219-5	36	M32139/03-F18SNS	TMN2N037PC2CM036S
3-1925219-6	36	M32139/03-F18SSS	TMN2S037PC2CM036S

 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

TMN X X XXX XX X XX XXX X  
CLASS M32139  
ROW 2 2 ROW  
FINISH N ELECTROLESS NICKEL  
S STAINLESS STEEL  
POSITION 037 37 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  8  
DT WHITE ETFE PER M22759/33-30-9  
TM COLOR CODED ETFE PER MIL-STD-681, SYSTEM 1  8  
CX WHITE COMPOSITE/PTFE PER DSCC 04047-30A-9  
CM COLOR CODED COMPOSITE/PTFE PER MIL-STD-681, SYSTEM 1  8

**CONDUCTOR SIZE/STRANDS**

2 30AWG 7 STRAND

**CONFIGURATION**

PC PLUG

THIS DRAWING IS A CONTROLLED DOCUMENT.	16 AUG 10	TE Connectivity
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	
	0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -	APVD — PRODUCT SPEC — APPLICATION SPEC —
MATERIAL —	FINISH —	WEIGHT — CUSTOMER DRAWING
A2	OPJN9	RESTRICTED TO C-1925219
SCALE 6:1	SHEET 2 OF 2	REV B

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