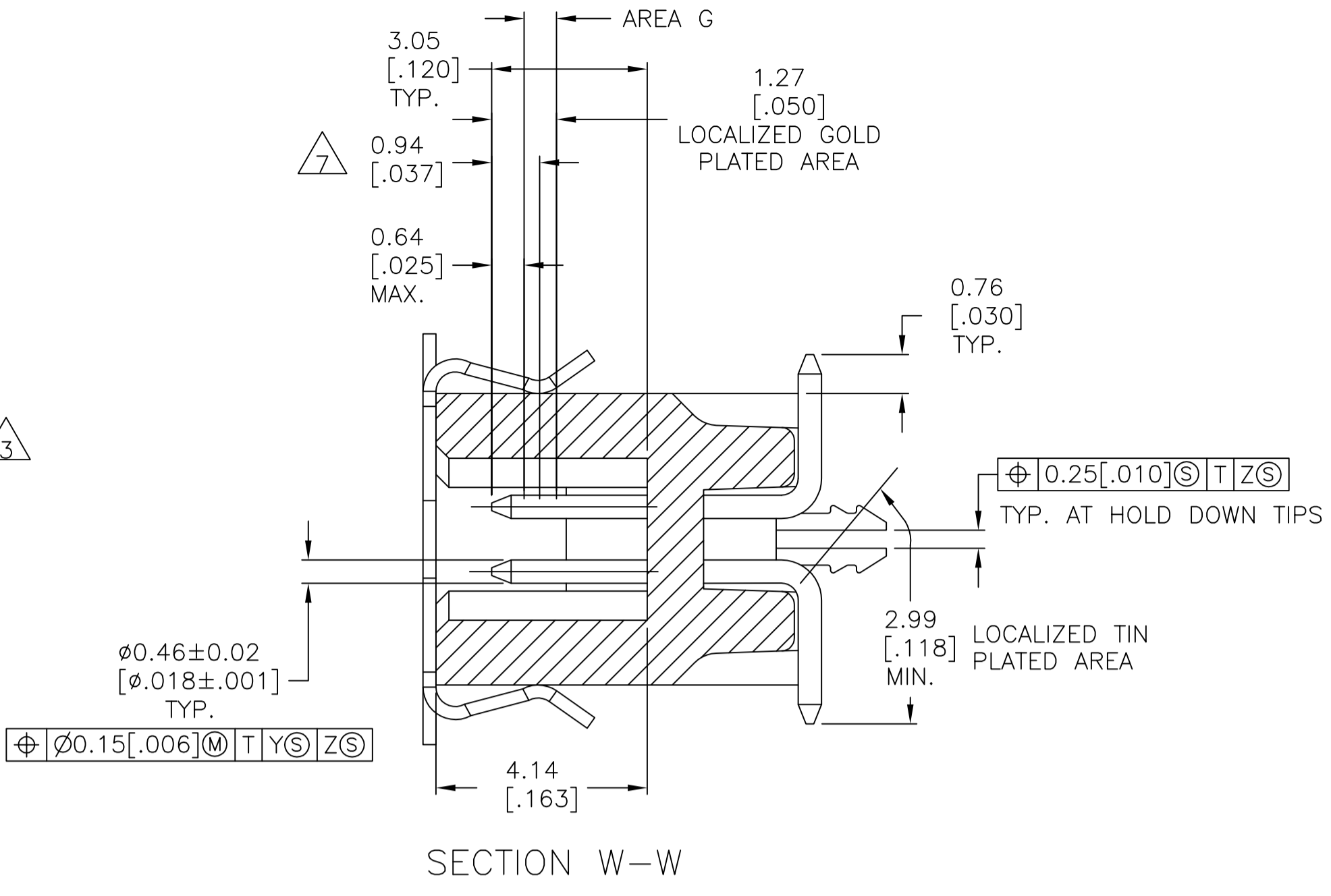
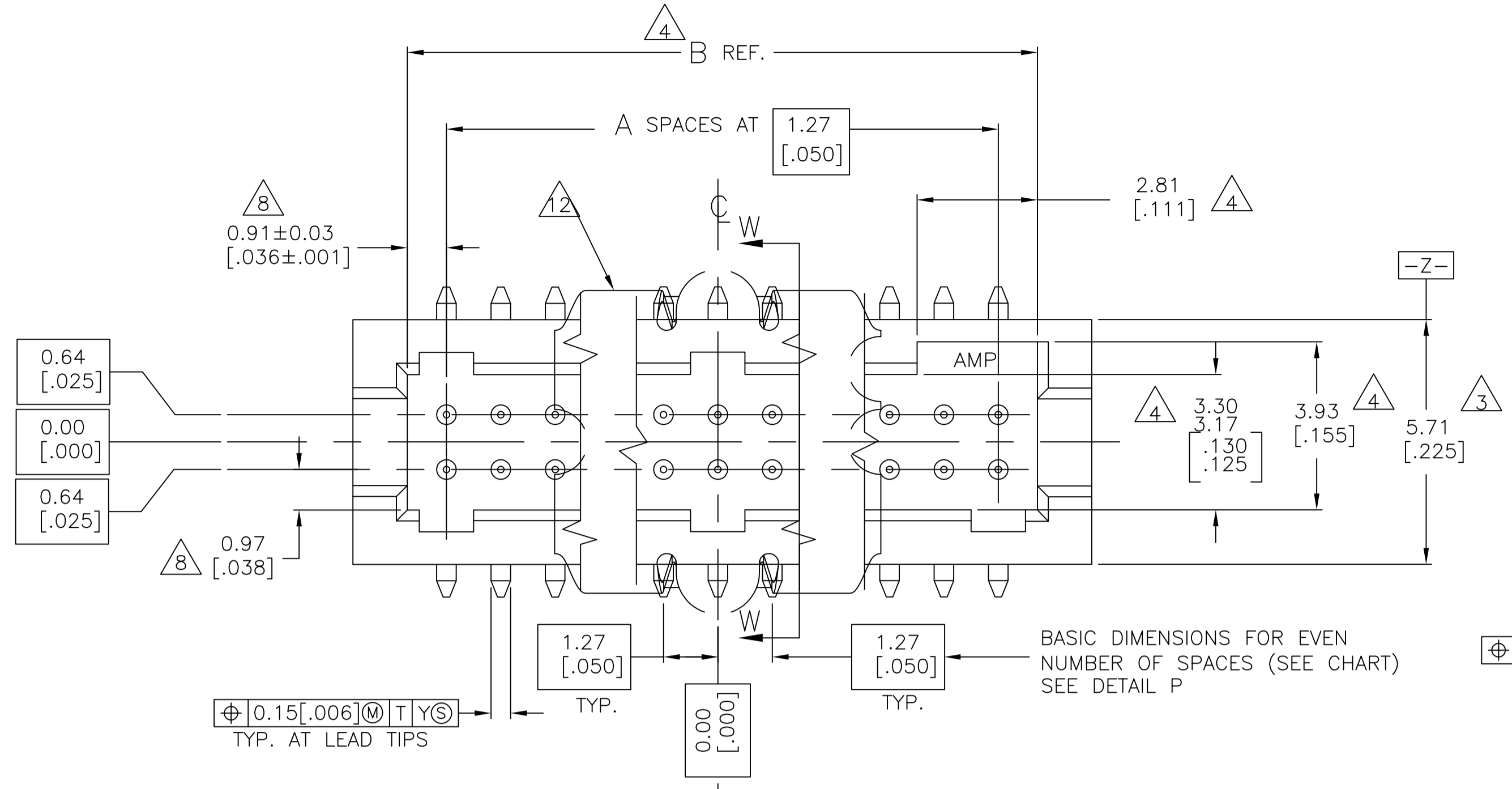
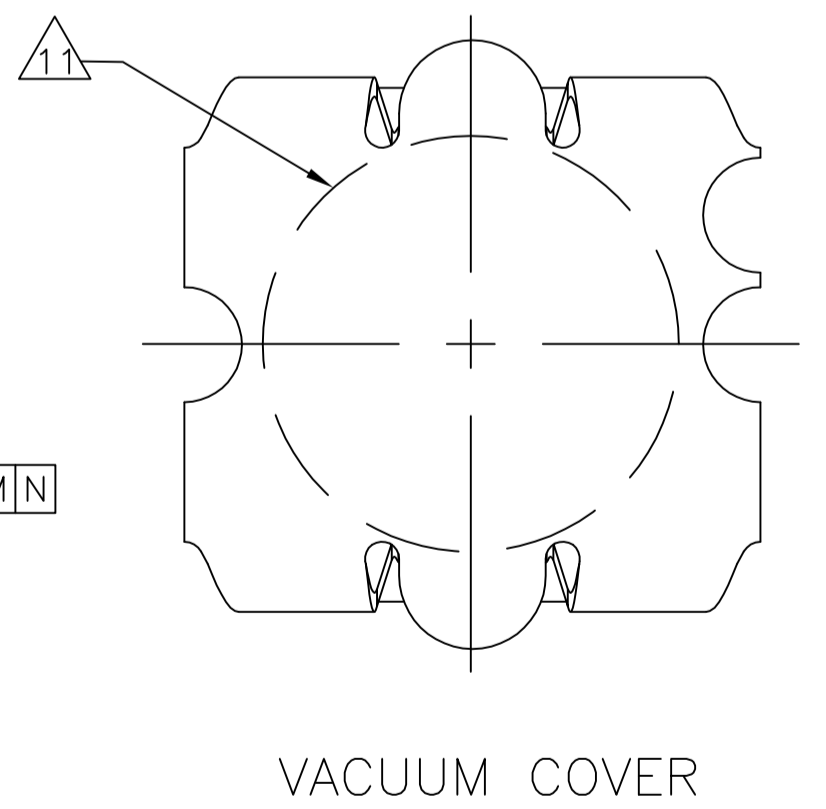
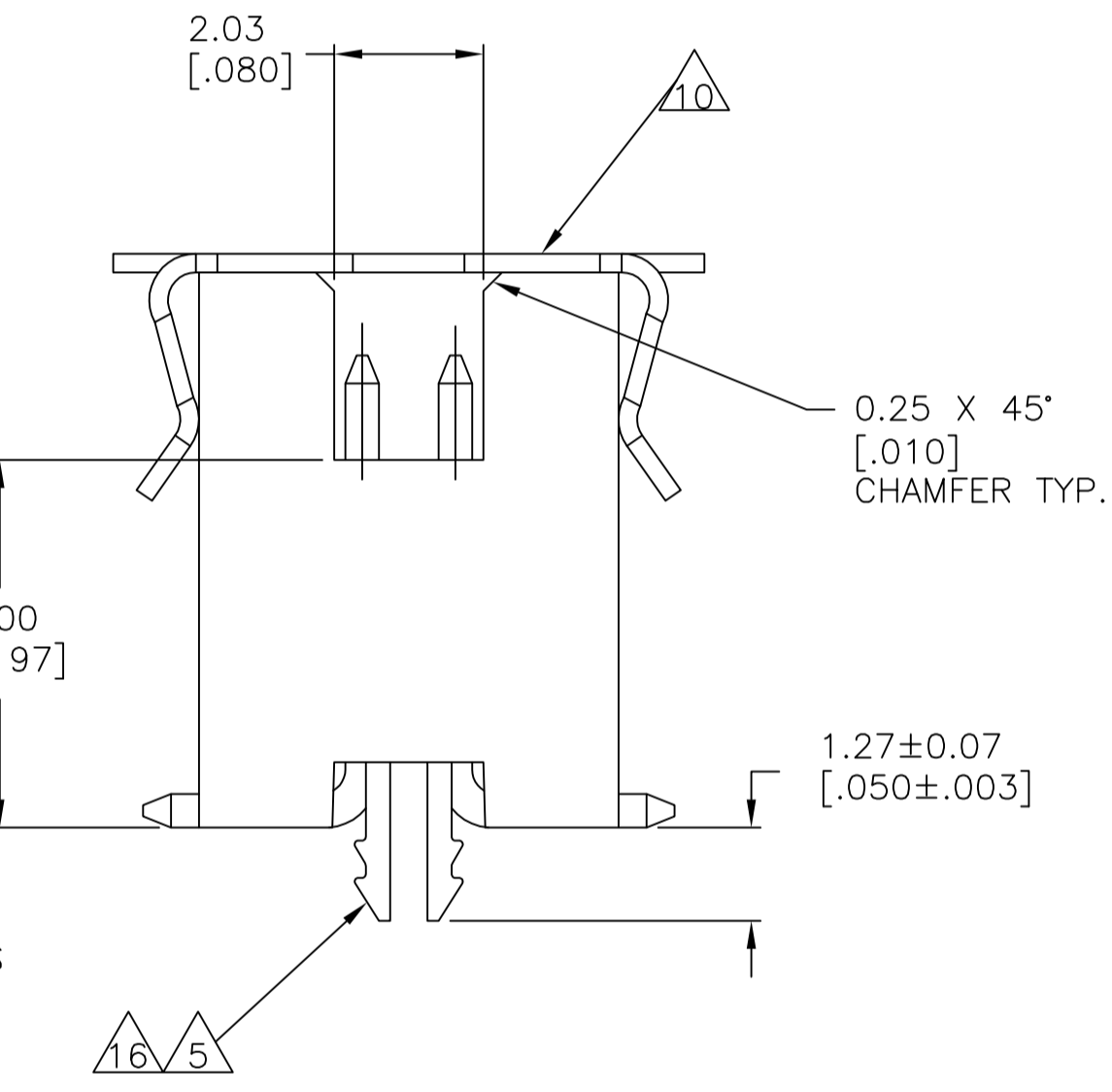


REVISIONS					
P	LTR	DESCRIPTION	DATE	DMN	APVD
C4		REVISED PER ECO-11-005027	11MAR11	RK	HMR
D		REVISED PER ECO-17-016552	21NOV2017	RS	JO



- 1. 0.00076(.000030) GOLD AT POINT OF MEASUREMENT, 0.00051(.000020) MIN AT THE END POINTS OF AREA G, (LOCALIZED GOLD PLATE AREA), 0.0038(.000150) TIN-LEAD ON LOCALIZED TIN PLATED AREA, ALL OVER 0.0013(.000050) NICKEL
- 2. USE 1.55±0.02 [.0610±.0010] DRILLED HOLE (1.55mm DRILL). FINISH TO BE TIN-LEAD OVER 0.02 [.001] MIN COPPER.
- 3. DIMENSION APPLIES AT BASE OF SHROUD.
- 4. THE NOTED DIMENSIONS APPLY AT THE MATING FACE OF THE HOUSING.
- 5. 0.0038 [.000150] TIN-LEAD ON HOLD DOWN, ALL OVER 0.0013 [.000050] NICKEL.
- 6. IF PLANNING TO USE MORE THAN ONE MATING PAIR OF CONNECTORS TO INTERCONNECT 2 BOARDS, PLEASE REFER TO THE SPACING PARAGRAPH IN APPLICATION SPEC, #114-7010
- 7. POINT OF MEASUREMENT.
- 8. DIMENSIONS NOTED APPLY FROM THE BASIC DIMENSION LINE (NOT THE CIRCUIT CAVITY CENTER LINE) TO THE SURFACE INDICATED.
- 9. PACKAGED IN TAPE AND REEL PER EIA-481 SPECIFICATIONS, SEE CHART FOR TAPE WIDTHS.
- 10. VACUUM COVER DESIGNED FOR 4.0 [.160] DIA. NOZZLE. VACUUM COVER TO BE REMOVED AFTER SOLDERING.
- 11. 5.5 [.216] MIN TARGET AREA FOR VACUUM PICK-UP.
- 12. VACUUM COVER SHOWN IN PHANTOM LINE.
- 13. HOUSING: LCP, COLOR-BLACK. POST: PHOSPHOR BRONZE. HOLD DOWN: COPPER ALLOY VACUUM COVER: ALUMINUM.
- 14. 0.00076(.000030) GOLD AT POINT OF MEASUREMENT, 0.00051(.000020) MIN AT THE END POINTS OF AREA G, (LOCALIZED GOLD PLATE AREA), 0.0038(.000150) TIN ON LOCALIZED TIN PLATED AREA, ALL OVER 0.0013(.000050) NICKEL.
- 15. USE 1.55+/-0.02(.0610+/-0.0010) DRILLED HOLE FINISH TO BE TIN OVER 0.02(.001)MIN COPPER.
- 16. 0.0038(.000150) TIN ON HOLDDOWN, ALL OVER .0013(.000050) NICKEL.
- 17. ROHS 2002/95/EC COMPLIANT.

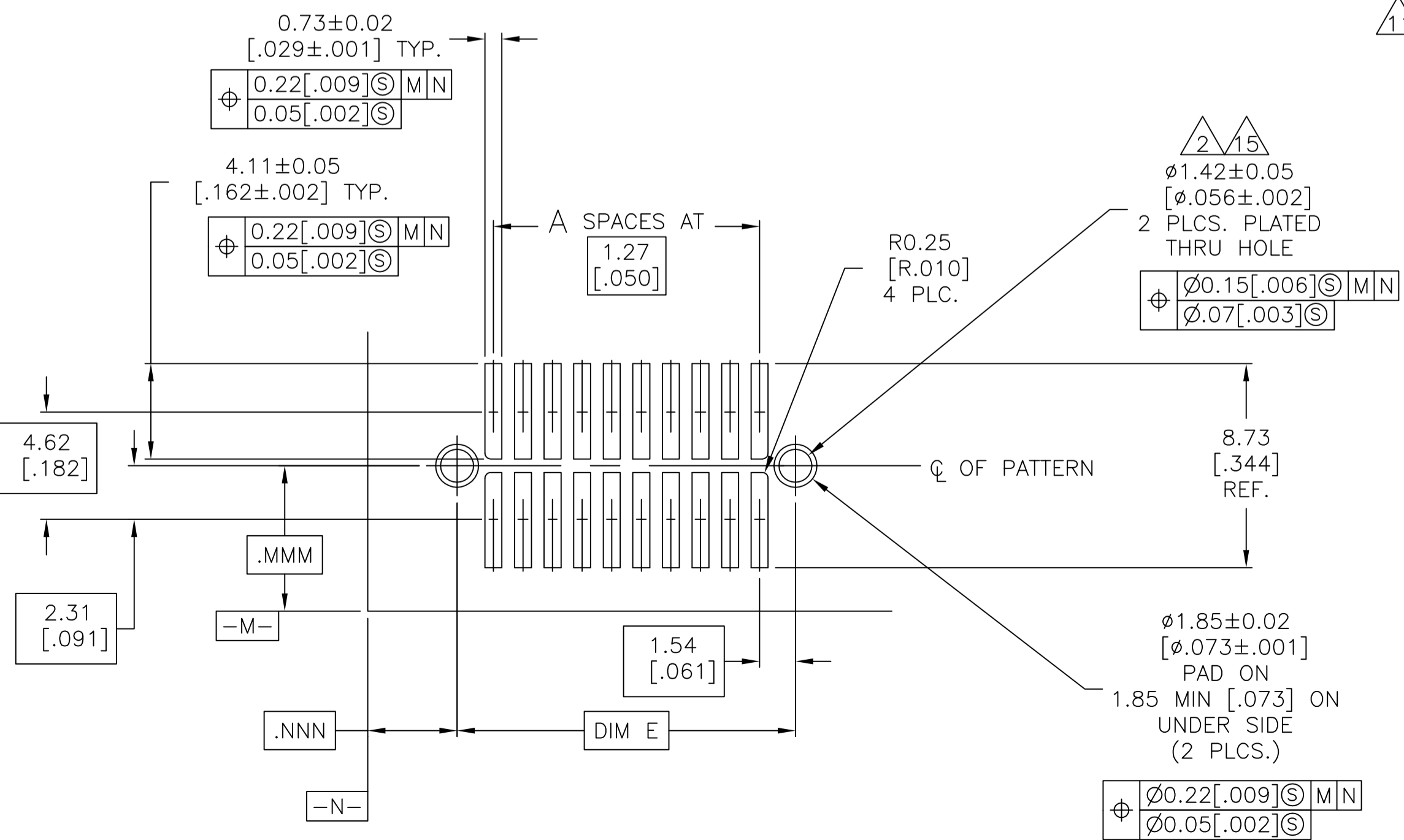


DETAIL P  
 BASIC DIMENSIONS FOR ODD NUMBER OF SPACES

18. SUPERSEDED BY 5-147382-3

18. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

FINISH	TAPE WIDTH	E	D	C	B	A	NUMBER OF POSITIONS	PART NUMBER	
18, 17	14, 16	88mm	65.33 [2.572]	32.66 [1.286]	66.59 [2.622]	64.05 [2.522]	49	100	5-147382-9
18, 17	14, 16	72mm	52.63 [2.072]	26.31 [1.036]	53.89 [2.122]	51.35 [2.022]	39	80	5-147382-8
18, 17	14, 16	72mm	46.28 [1.822]	23.13 [0.911]	47.54 [1.872]	45.00 [1.772]	34	70	5-147382-7
18, 17	14, 16	56mm	39.93 [1.572]	19.96 [0.786]	41.19 [1.622]	38.65 [1.522]	29	60	5-147382-6
18, 17	14, 16	56mm	33.58 [1.322]	16.78 [0.661]	34.84 [1.372]	32.30 [1.272]	24	50	5-147382-5
17	14, 16	44mm	27.23 [1.072]	13.61 [0.536]	28.49 [1.122]	25.95 [1.022]	19	40	5-147382-4
17	14, 16	32mm	20.88 [0.822]	10.43 [0.411]	22.14 [0.872]	19.60 [0.772]	14	30	5-147382-3
17	14, 16	32mm	14.53 [0.572]	7.26 [0.286]	15.79 [0.622]	13.25 [0.522]	9	20	5-147382-2
17	14, 16	24mm	8.18 [0.322]	4.08 [0.161]	9.44 [0.372]	6.90 [0.272]	4	10	5-147382-1
18	1, 5	88mm	65.33 [2.572]	32.66 [1.286]	66.59 [2.622]	64.05 [2.522]	49	100	147382-9
18	1, 5	72mm	52.63 [2.072]	26.31 [1.036]	53.89 [2.122]	51.35 [2.022]	39	80	147382-8
18	1, 5	72mm	46.28 [1.822]	23.13 [0.911]	47.54 [1.872]	45.00 [1.772]	34	70	147382-7
18	1, 5	56mm	39.93 [1.572]	19.96 [0.786]	41.19 [1.622]	38.65 [1.522]	29	60	147382-6
18	1, 5	56mm	33.58 [1.322]	16.78 [0.661]	34.84 [1.372]	32.30 [1.272]	24	50	147382-5
18	1, 5	44mm	27.23 [1.072]	13.61 [0.536]	28.49 [1.122]	25.95 [1.022]	19	40	147382-4
18	1, 5	32mm	20.88 [0.822]	10.43 [0.411]	22.14 [0.872]	19.60 [0.772]	14	30	147382-3
18	1, 5	32mm	14.53 [0.572]	7.26 [0.286]	15.79 [0.622]	13.25 [0.522]	9	20	147382-2
18	1, 5	24mm	8.18 [0.322]	4.08 [0.161]	9.44 [0.372]	6.90 [0.272]	4	10	147382-1



RECOMMENDED BOARD LAYOUT  
 SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIM B HAYMAKER 28JAN00  
 CHK J. MOSIER 28JAN00  
 APVD J. MOSIER 28JAN00 NAME  
 DIMENSIONS: mm [INCHES] TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 0 PLC ± -  
 1 PLC ± -  
 2 PLC ± -  
 3 PLC ± 0.13[.005]  
 4 PLC ± ± -  
 ANGLES ± ± -  
 MATERIAL FINISH SEE TABLE  
 CUSTOMER DRAWING SCALE 10:1 SHEET 1 OF 1 REV D

STE TE Connectivity  
 HEADER ASSEMBLY, SURFACE MOUNT, AMPMODU 50/50 GRID (8.12 [.320] MATED HEIGHT)  
 108-1332  
 APPLICATION SPEC 114-7010  
 SIZE A1 CAGE CODE 147382  
 WEIGHT -

# Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[5-147382-1](#)