

LOC	DIST	REVISIONS							
AD	39	P	LTR	DESCRIPTION			DATE	DWN	APVD
			F	REVISED PER EC	0S12-0230-03		10FEB2004	RWS	RHW
			G	REVISED PER EC	0S12-0072-04		12FEB2004	RWS	RHW
			H	REVISED PER ECO-08-008615		10JUL2008	DH	DB	

- 1

HOUSING MATERIAL: HIGH TEMPERATURE THERMOPLASTIC, COLOR: BLACK.
CONTACT MATERIAL: PHOSPHOR BRONZE.
- 2

CONTACT FINISH: NICKEL UNDERPLATE ALL OVER, MATING SURFACES
PLATED TO MEET PLI PERFORMANCE REQUIREMENTS OF INDUSTRY
SPECIFICATION EIA-700AAAB, SOLDER TAILS PLATED TIN-LEAD.
- 3

DATUM LOCATIONS AND BASIC DIMENSIONS TO BE ESTABLISHED BY THE
CUSTOMER. CONSULT AMP ENGINEERING WHEN PLACING MULTIPLE
CONNECTORS ON A PC BOARD.
- 4

PACKAGED IN TAPE ON REEL PER EIA-481.
- 5

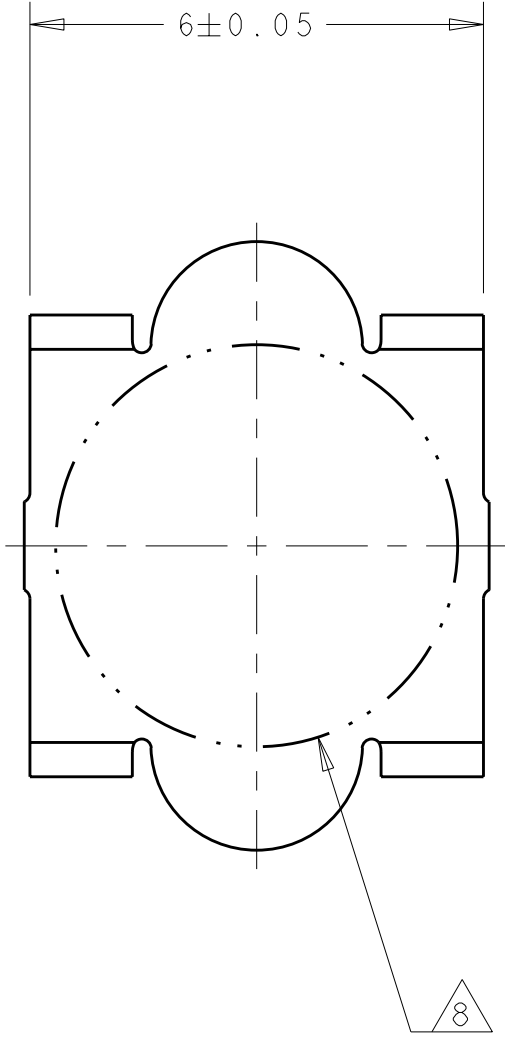
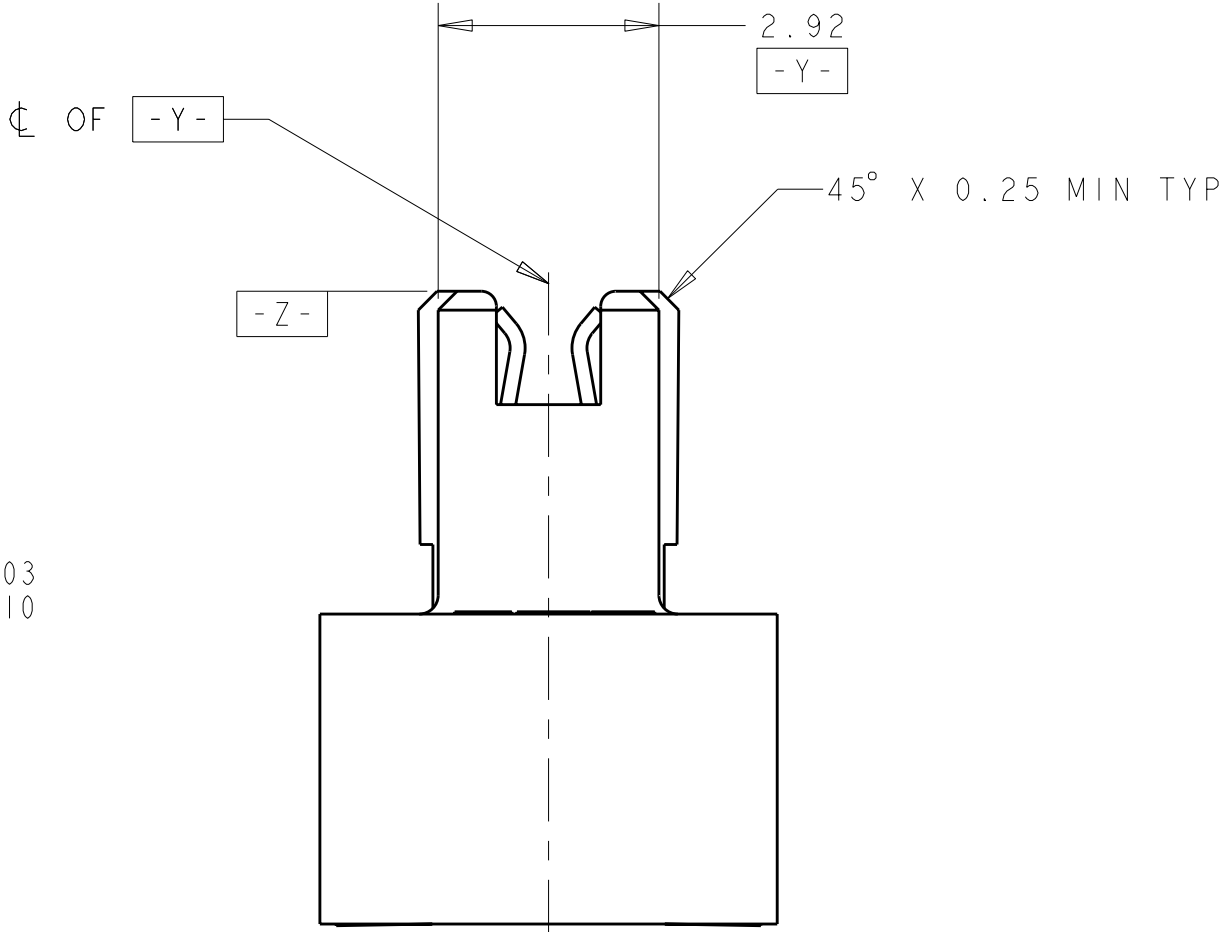
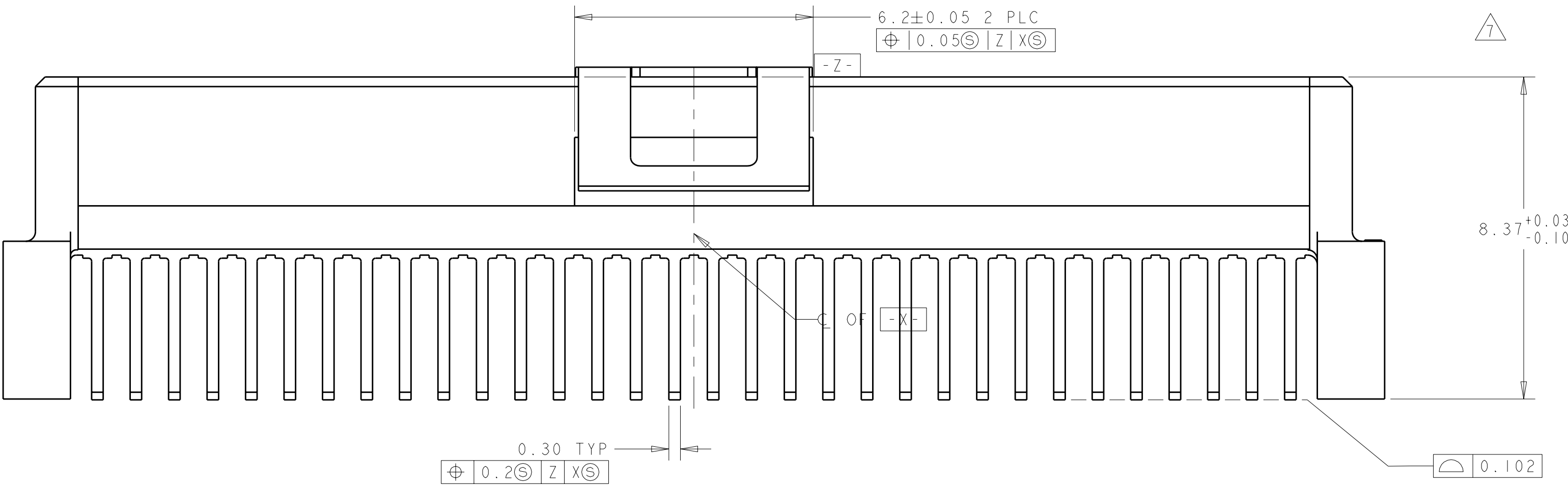
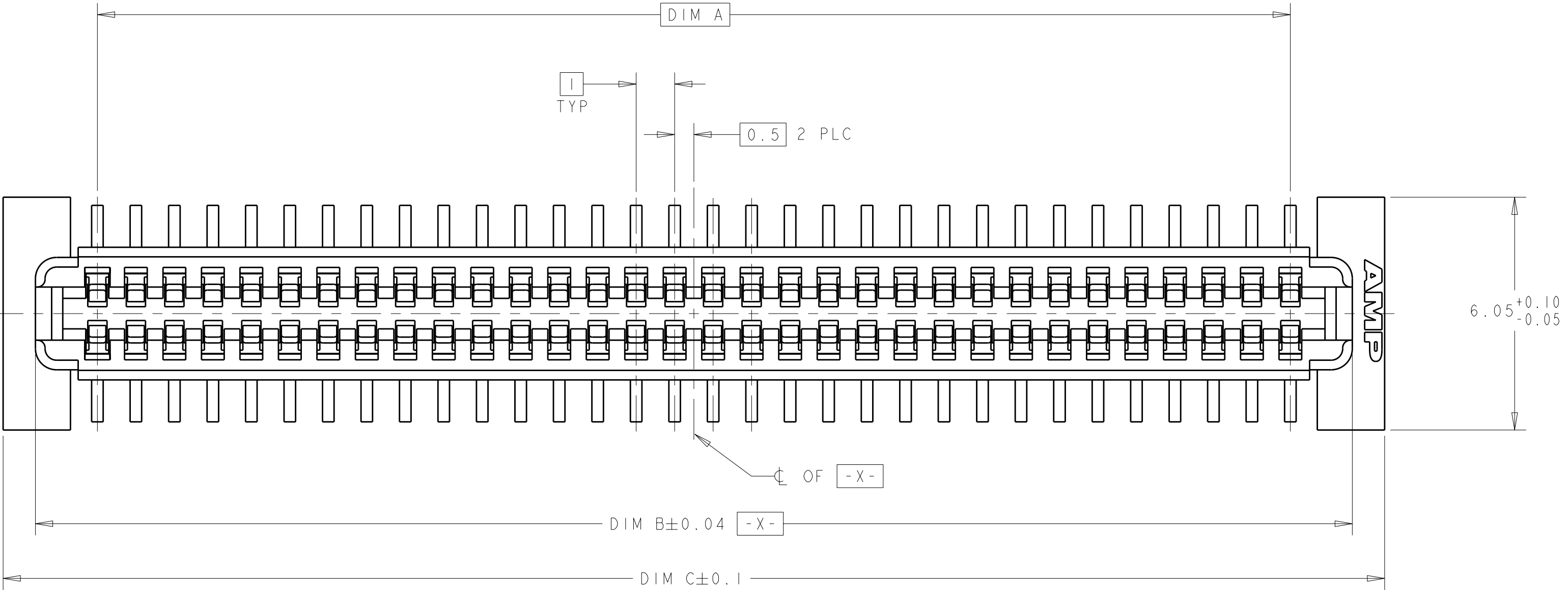
VACUUM COVER DESIGNED FOR 4mm DIA. NOZZLE. COVER TO BE REMOVED
AFTER SOLDERING. VACUUM COVER OMITTED FROM SOME VIEWS FOR
DIMENSIONAL CLARITY.
- 6

SHORTER SOLDER LANDS MAY BE USED PER EIA 700AAAB, HOWEVER 2.4
LENGTH ASSURES OPTIMUM SOLDER FILLET REGARDLESS OF MANUFACTURER
OF CONNECTOR.
- 7

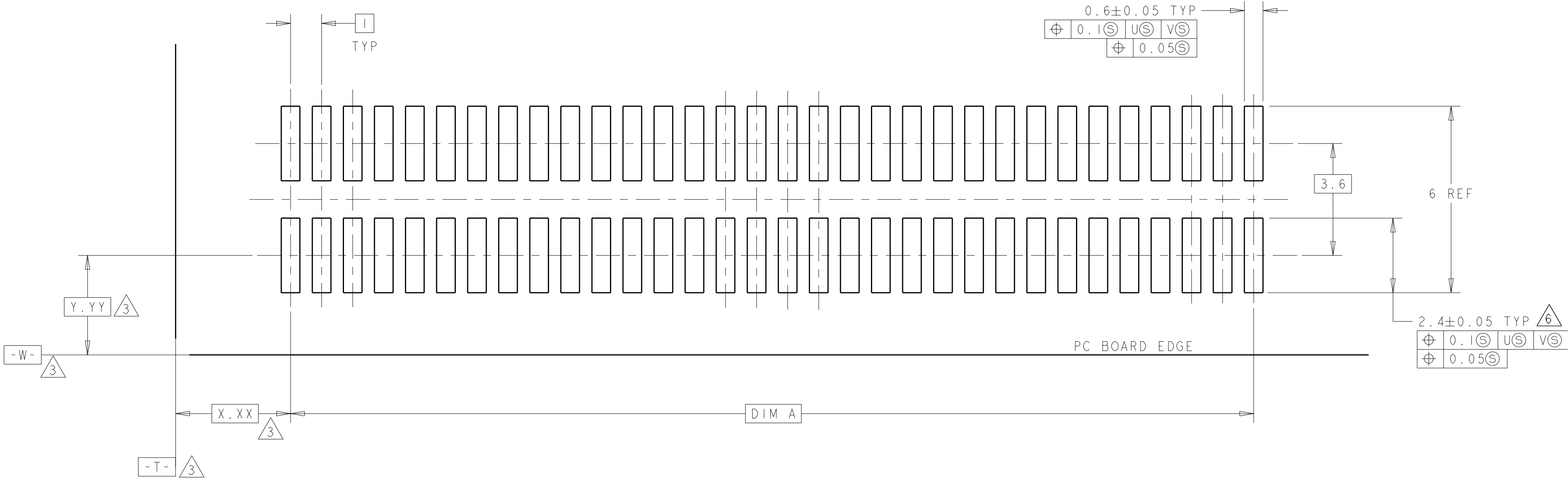
REFERRED TO AS DIM H = 8.3±0.1 IN EIA 700AAAB SPECIFICATION.
- 8

5.5 MIN DIAMETER TARGET AREA FOR VACUUM PICK-UP.
- 9

CONTACT FINISH: 0.00381 MINIMUM MATTE TIN-LEAD (93-7)
ON SOLDER AREA, 0.00127 MINIMUM GOLD ON MATING AREA,
BOTH OVER 0.00127 MINIMUM NICKEL ON ENTIRE CONTACT.



VACUUM COVER



RECOMMENDED PC BOARD LAYOUT

9	45.9	44.22	41	120534-2	13	84	1-120530-2
9	35.9	34.22	31	120534-1	13	64	1-120530-1
2	45.9	44.22	41	120534-2	13	84	120530-2
2	35.9	34.22	31	120534-1	13	64	120530-1
FINISH	DIM C	DIM B	DIM A	MATING CONNECTOR	STACK HGTS	POS	PART NO

TYP. IS DRAWN TO CHANGES TO THE LATEST REVISIONS OF THE DRAWING. CHANGES TO THE LATEST REVISIONS OF THE DRAWING SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN	J. REED	27/11/97	AMP Tyco Electronics Harrisburg, PA 17105-3608				
DIMENSIONS:				CHK	L. VO	27/11/97	NAME				
mm				TOLERANCES, UNLESS OTHERWISE SPECIFIED:		APVD	-	RCPT ASSY, W/COVER, 1.0mmFH (IEEE1386) CONNECTOR			
				PRODUCT SPEC		502-1079	SIZE CAGE CODE DRAWING NO				
				APPLICATION SPEC		114-25045	RESTRICTED TO				
MATERIAL				WEIGHT		-	A1 00779 C=120530				
				CUSTOMER DRAWING		SCALE 10:1	SHEET 1 OF 1 REV H				
SEE TABLE											

Mouser Electronics

Authorized Distributor

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[120530-1](#)