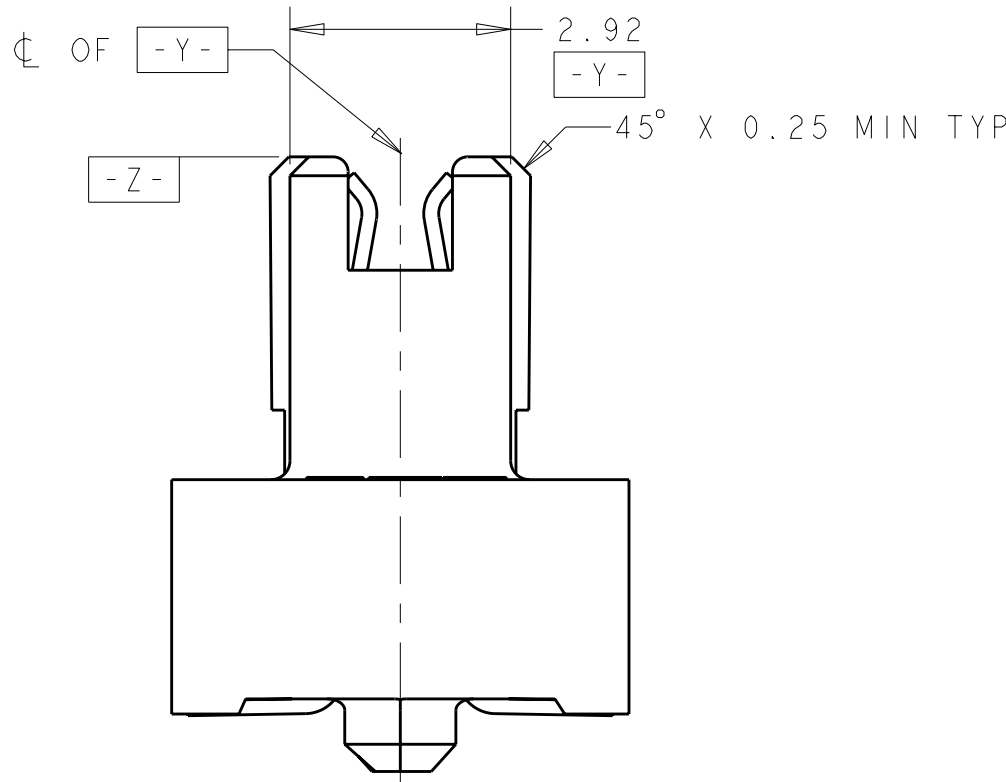
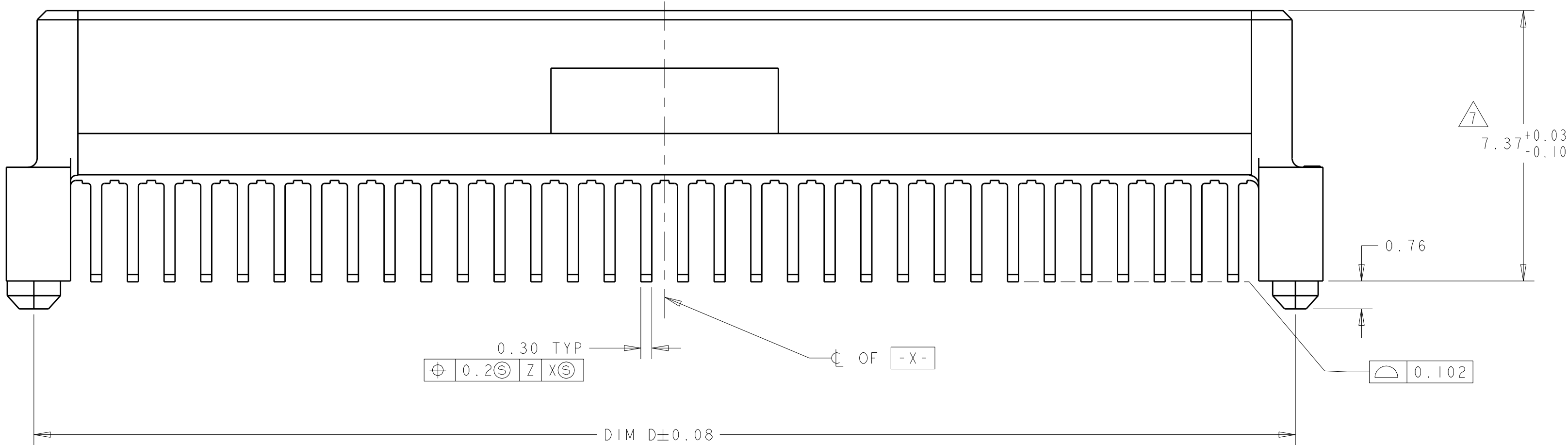
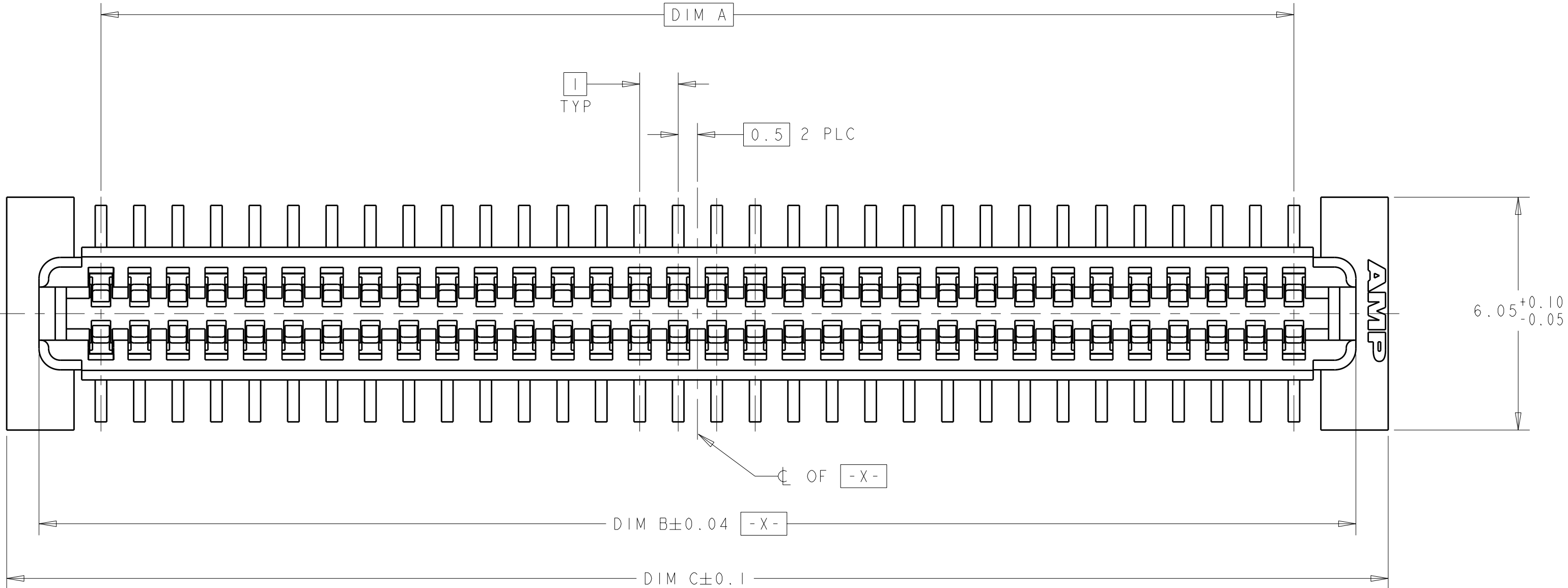
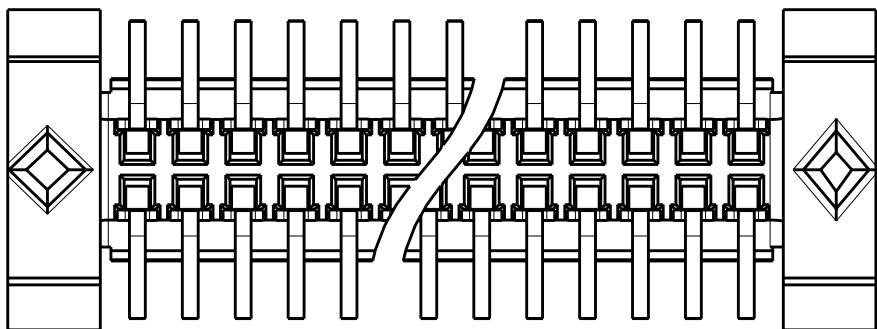


LOC	DIST	REVISIONS							
AD	39	P	LTR	DESCRIPTION			DATE	DWN	APVD
		F		REVISED PER EC 0S12-0230-03			10FEB2004	RWS	RHW
		G		REVISED PER EC 0S12-0072-04			12FEB2004	RWS	RHW
		H		REVISED PER ECO-08-008615			10JUL2008	DH	DB
		HI		REV PER ECO-09-018463			15SEP2009	AEG	HM

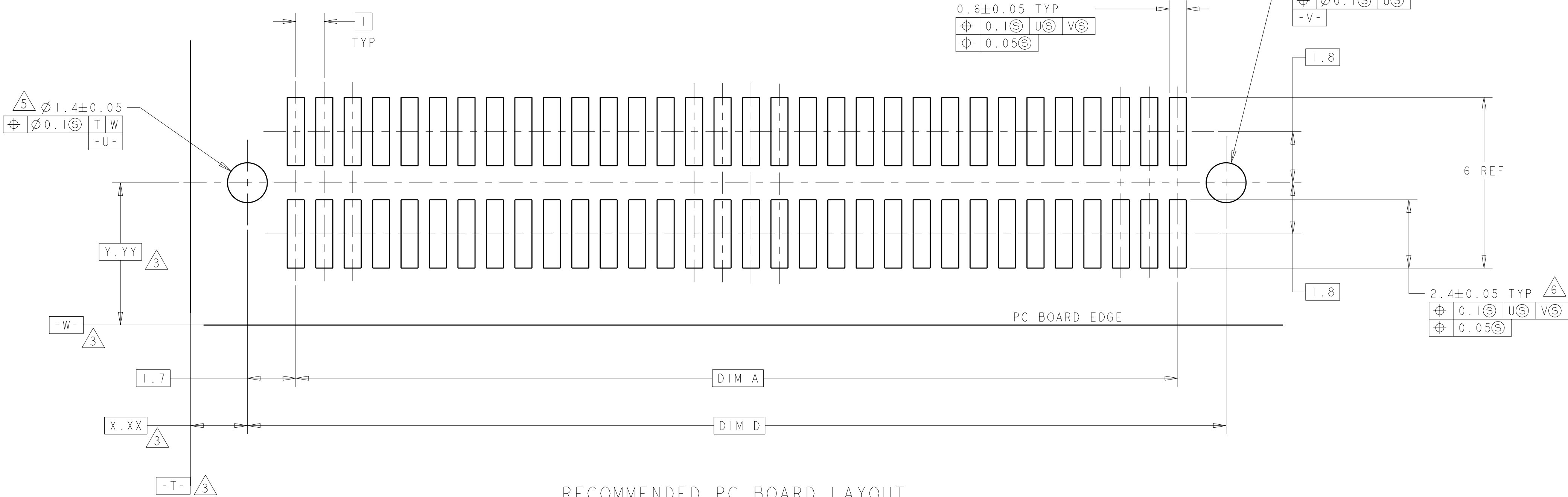
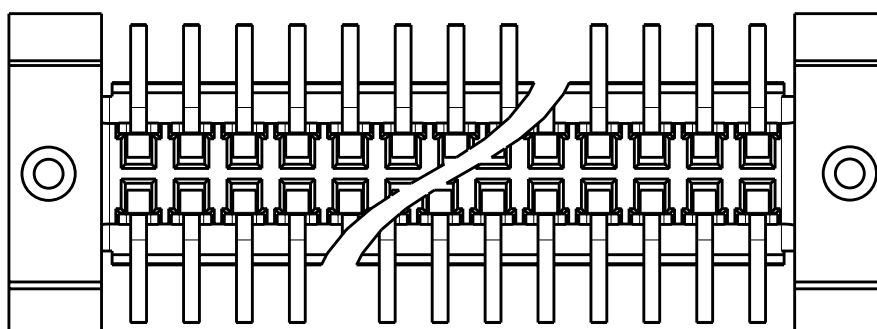
1. HOUSING MATERIAL: HIGH TEMPERATURE THERMOPLASTIC, COLOR; BLACK.
CONTACT MATERIAL: PHOSPHOR BRONZE.
2. CONTACT FINISH: NICKEL UNDERPLATE ALL OVER, MATING SURFACES
PLATED TO MEET PL1 PERFORMANCE REQUIREMENTS OF INDUSTRY
SPECIFICATION EIA-700AAAB, SOLDER TAILS PLATED TIN-LEAD.
3. DATUM LOCATIONS AND 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. 1.5 MIN DIAMETER HOLE SHOULD BE USED IF USING POST STYLE "A" AND PLACING
ON PCB WITH VACUUM PLACEMENT EQUIPMENT.
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 = 7.3±0.1 IN EIA 700AAAB SPECIFICATION.
8. CONTACT FINISH: 0.00381 MINIMUM MATTE TIN-LEAD (93-7)
ON SOLDER AREA, 0.0127 MINIMUM GOLD ON MATING AREA,
BOTH OVER 0.00127 MINIMUM NICKEL ON ENTIRE CONTACT.
9. SQUARE AND DIAMOND SHAPED POSTS
10. ROUND SHAPED POSTS



9 STYLE A POST



10 STYLE B POST



RECOMMENDED PC BOARD LAYOUT

POST STYLE	FINISH	DIM D	DIM C	DIM B	DIM A	STACK HGTS	POS	PART NO
10	8	44.4	45.9	44.22	41	11,12	84	3-120603-2
10	8	34.4	35.9	34.22	31	11,12	64	3-120603-1
10	2	44.4	45.9	44.22	41	11,12	84	2-120603-2
10	2	34.4	35.9	34.22	31	11,12	64	2-120603-1
9	8	44.4	45.9	44.22	41	11,12	84	1-120603-2
9	8	34.4	35.9	34.22	31	11,12	64	1-120603-1
9	2	44.4	45.9	44.22	41	11,12	84	120603-2
9	2	34.4	35.9	34.22	31	11,12	64	120603-1

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DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

9 PLC ±

2 PLC ±0.03

3 PLC ±0.003

4 PLC ±

ANGLES ±0°-1°

FINISH

SEE TABLE

DRAWN

J. REED

27/11/97

CHK

L. VO

27/11/97

APVD

-

PRODUCT SPEC

502-1079

APPLICATION SPEC

114-25045

WEIGHT

-

CUSTOMER DRAWING

NAME

-

RECEPTACLE ASSY, 1.0mm FH(IEEE1386) CONNECTOR

SIZE

A1

CAGE CODE

00779

DRAWING NO

C=120603

RESTRICTED TO

-

SCALE

10:1

SHEET

1

OF

1

REV

HI

Tyco Electronics

Tyco Electronics Corporation

Harrisburg, PA 17105-3608