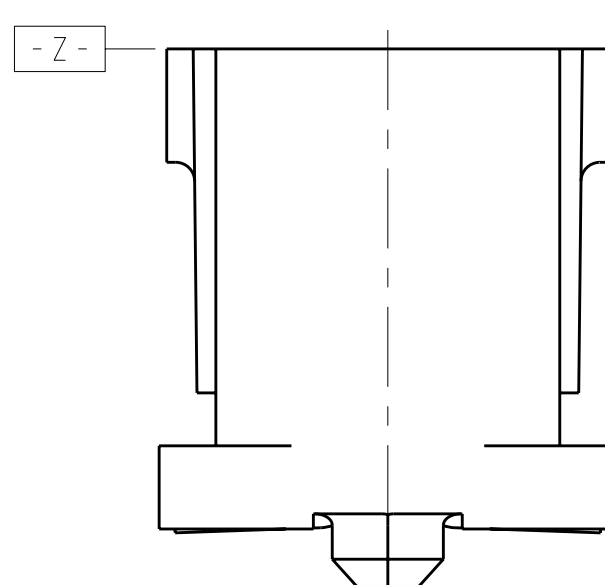
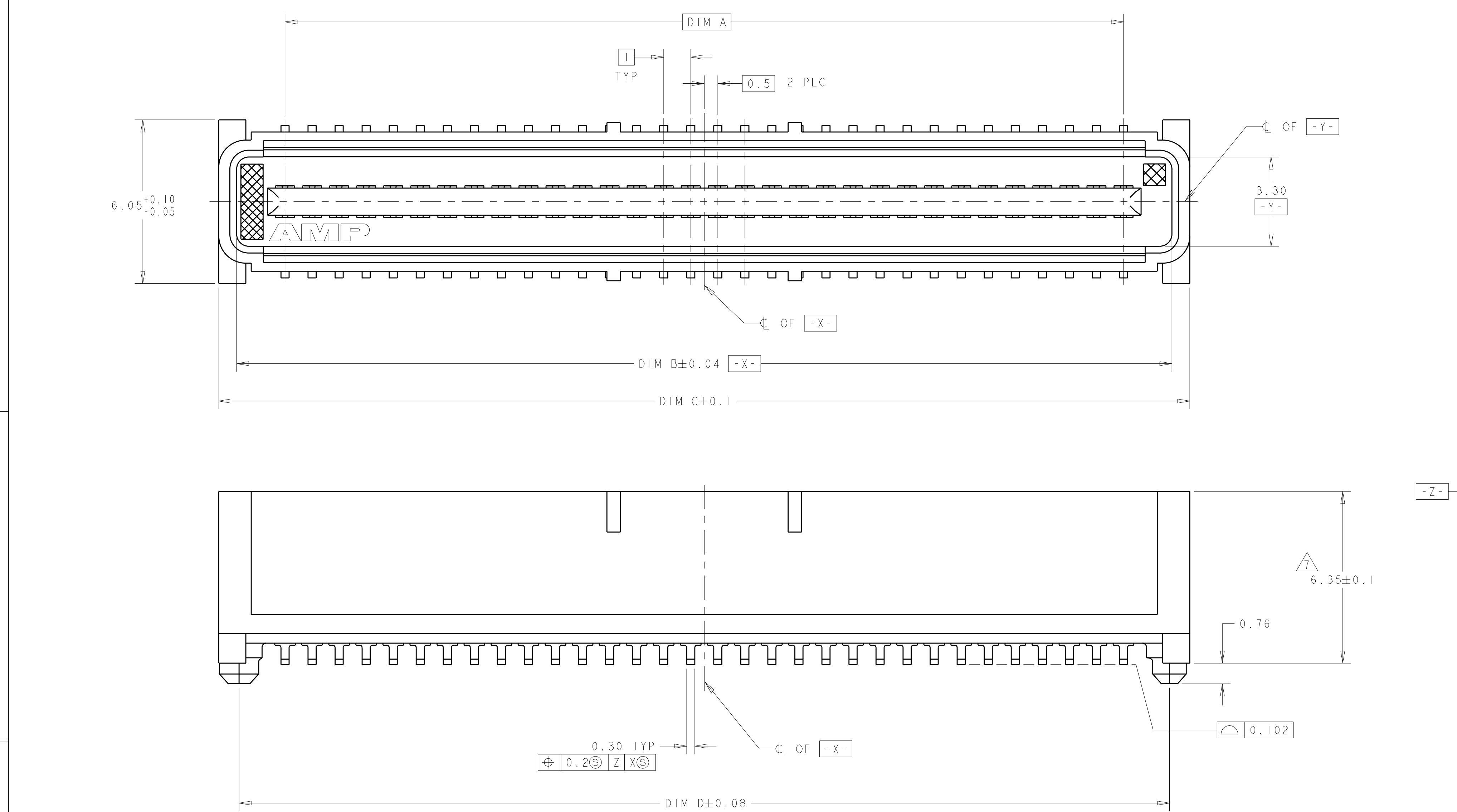
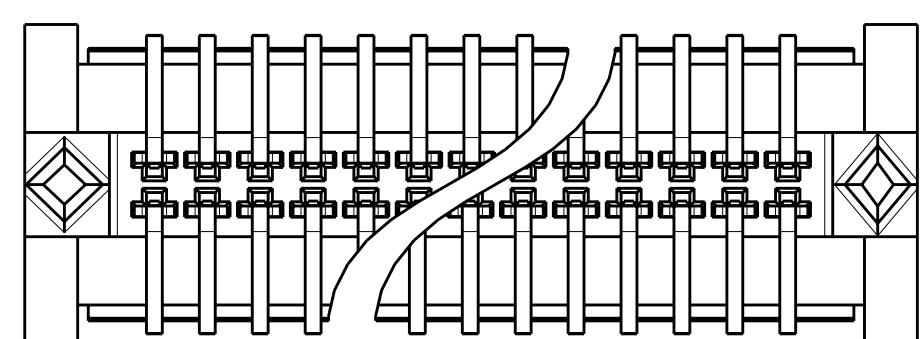


LOC		DIST		REVISIONS						
AD		00		P	LTR	DESCRIPTION	DATE	DWN	APVD	
					O	REV PER EC 0512-0235-04	30SEP2004	BC	RW	
					A	REV PER EC 0512-0213-05	16SEP2005	BC	RW	
					B	REVISED PER ECO-08-008615	10JUL2008	DH	DB	
					B1	REV PER ECO-09-018460	12SEP2009	AEG	HM	

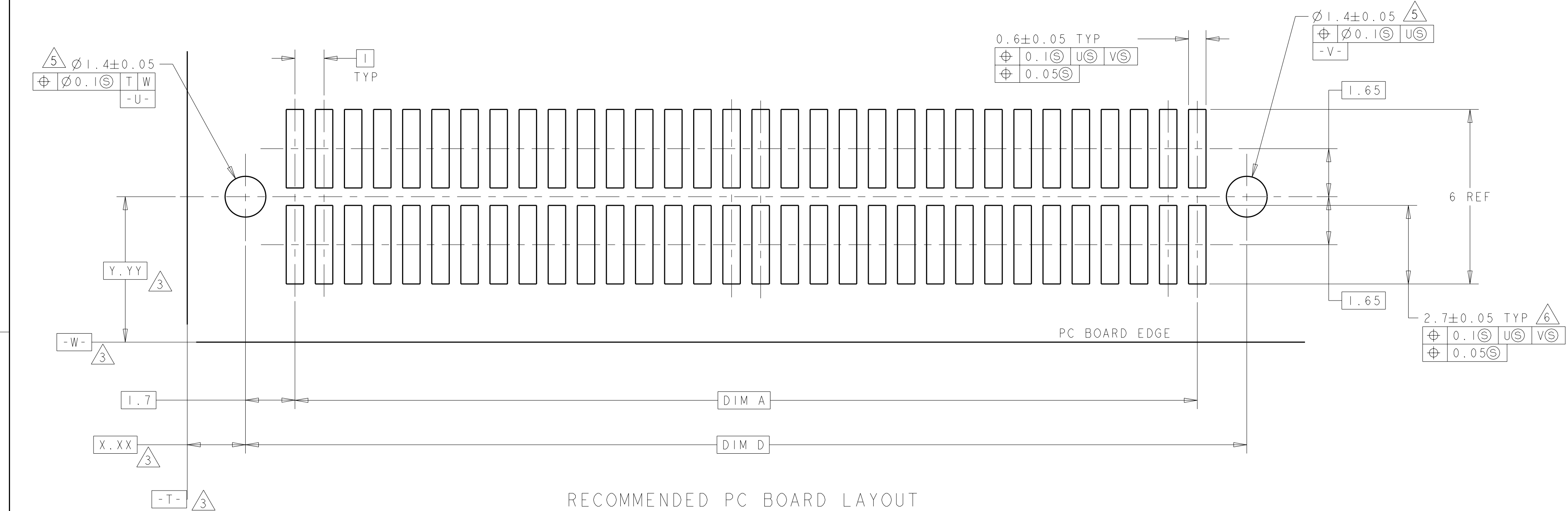
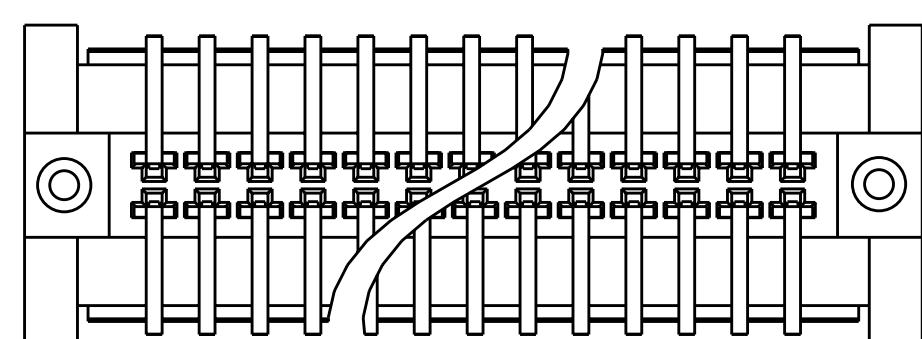
- 1 HOUSING MATERIAL: LIQUID CRYSTAL POLYMER. COLOR; BLACK.
CONTACT MATERIAL: PHOSPHOR BRONZE.
- 2 CONTACT FINISH: NICKEL UNDERPLATE ALL OVER, MATING SURFACES
PLATED TO MEET PLI PERFORMANCE REQUIREMENTS OF INDUSTRY
SPECIFICATION EIA-700AAAB, SOLDER TAILS PLATED TIN.
- 3 DATUM LOCATIONS AND BASIC DIMENSIONS TO BE ESTABLISHED BY THE
CUSTOMER. CONSULT AMP ENGINEERING WHEN PLACING MULTIPLE
CONNECTORS ON A PC BOARD.
- 4 PACKAGED IN TAPE ON REELS 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 2.7
LENGTH ASSURES OPTIMUM SOLDER FILLET REGARDLESS OF MANUFACTURER
OF CONNECTOR.
- 7 REFERRED TO AS DIM N IN EIA 700AAAB SPECIFICATION.
- 8 CONTACT FINISH: 0.00381 MINIMUM MATTE TIN PER ASTM B 545
ON SOLDER AREA, 0.00127 MINIMUM GOLD PER ASTM B 488 ON MATING AREA,
BOTH OVER 0.00127 MINIMUM NICKEL PER SAE-AMS-QQ-N-290 ON ENTIRE CONTACT.
- 9 SQUARE AND DIAMOND SHAPED POSTS
- 10 ROUND SHAPED POSTS



9 STYLE A POSTS



10 STYLE B POSTS



RECOMMENDED PC BOARD LAYOUT

OBSOLETE	10	8	44.4	45.9	44.58	41	8	84	3-5120525-2
	10	8	34.4	35.9	34.58	31	8	64	3-5120525-1
	10	2	44.4	45.9	44.58	41	8	84	2-5120525-2
	10	2	34.4	35.9	34.58	31	8	64	2-5120525-1
	9	8	44.4	45.9	44.58	41	8	84	1-5120525-2
	9	8	34.4	35.9	34.58	31	8	64	1-5120525-1
	9	2	44.4	45.9	44.58	41	8	84	5120525-2
	9	2	34.4	35.9	34.58	31	8	64	5120525-1
	POST STYLE	FINISH	DIM D	DIM C	DIM B	DIM A	STACK HGTS	POS	PART NO

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN		30SEP04		Tyco Electronics Corporation	
mm		0.10 ±0.03		B. CARBO		30SEP04		Harrisburg, PA 17105-3608	
0.10 ±0.03		0.10 ±0.03		R. WERTZ		30SEP04		NAME	
0.10 ±0.03		0.10 ±0.03		R. WERTZ		30SEP04		PRODUCT SPEC	
0.10 ±0.03		0.10 ±0.03		R. WERTZ		30SEP04		502-1079	
0.10 ±0.03		0.10 ±0.03		R. WERTZ		30SEP04		APPLICATION SPEC	
0.10 ±0.03		0.10 ±0.03		R. WERTZ		30SEP04		114-25045	
0.10 ±0.03		0.10 ±0.03		R. WERTZ		30SEP04		WEIGHT	
0.10 ±0.03		0.10 ±0.03		R. WERTZ		30SEP04		CUSTOMER DRAWING	
0.10 ±0.03		0.10 ±0.03		R. WERTZ		30SEP04		SCALE 10:1	
0.10 ±0.03		0.10 ±0.03		R. WERTZ		30SEP04		SHEET 1 OF 1	
0.10 ±0.03		0.10 ±0.03		R. WERTZ		30SEP04		REV B1	