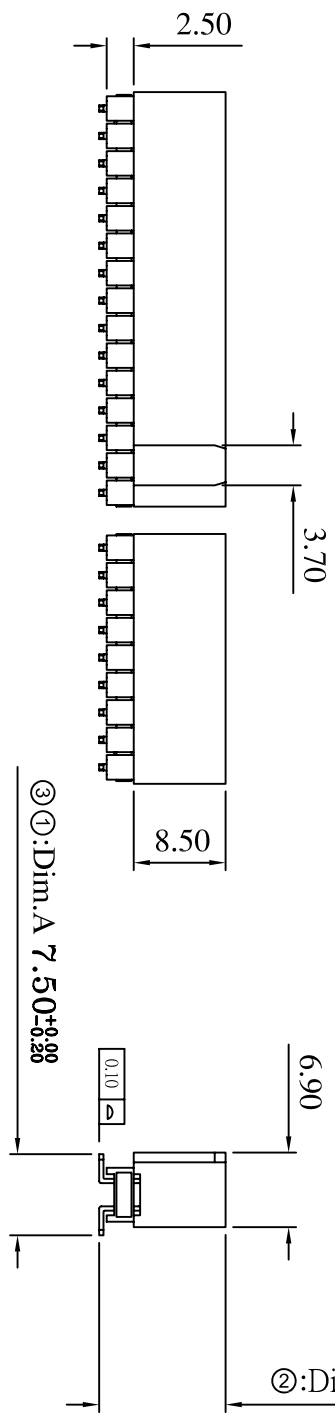
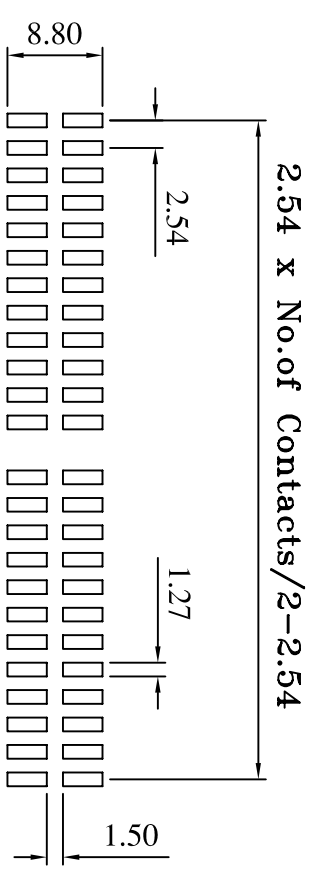
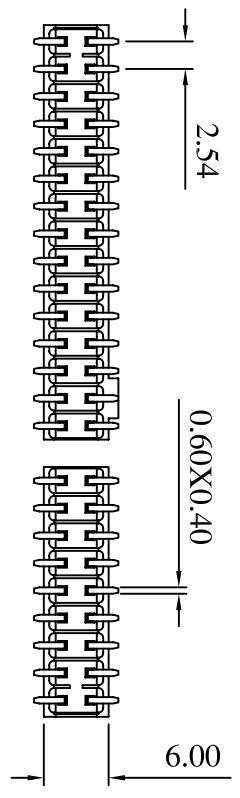


Current Rating: 3 Amps  
 Insulator Resistance: 5000 Megohms min  
 Contact Resistance: 20 m ohms max  
 Dielectric Withstanding: 1000 V AC  
 Operating Temperature: -40° ~ +85° C  
 Max Processing Temp: 230° C for 60 seconds  
 260° C for 10 seconds  
 Contact Material: Copper Alloy  
 Insulator Material: Thermoplastic: UL 94V-0  
 Standard: Nylon-6T  
 Finish: Tin, Gold Plated  
 Note: Duplex Plating: Gold Plated on contact area, Tin on solder area



Recommended P.C. Board  
 SMD Layout



(RoHS Compliant)  
 P1 N 86 P - 2 XX D0 BK X D01 B  
 1 2 3 4 5 6 7 8

- Standard: N= Nylon-6T
- P= With ke
- Per ROW 02 to 40
- Taill Style: D0=S.M.D No Peg Type
- Color: BK=Black
- Contact Plated: T=Matte Tin over Nickel, W=Matte Tin over Nickel 150u", Y=Bright Tin over Nickel, C=Gold Flash, F=Gold Flash, Matte Tin 100u", A=Gold 3u", B=Gold 3u", Matte Tin 100u"
- Special Options: D=Gold 5u", E=Gold 5u", Matte Tin 100u", G=Gold 10u", J=Gold 10u", Matte Tin 100u", L=Gold 15u", M=Gold 15u", Matte Tin 100u", U=Gold 30u", V=Gold 30u", Matte Tin 100u"
- Packing: B= Tube

①: PIN86P-2XXDBKXXD01-2007/05/23-C1		PART NO		PIN86P-2XXD0BKXD01B		.X	
②: Dim. A 7.80-2007/05/23-C1		DRAWING NO		PB-00154		.XX	
③: Dim. B 11.40-2007/05/07-C		DRAWN BY		LIN		.XXX	
④: Dim. A 8.20-2007/05/07-C		APPROVAL BY				.SCALE: 1:1	
⑤: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		EDITION: C2		ITEM: PB	
⑥: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
⑦: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
⑧: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
⑨: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
⑩: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
⑪: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
⑫: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
⑬: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
⑭: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
⑮: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
⑯: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
⑰: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
⑱: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
⑲: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
⑳: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
㉑: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
㉒: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
㉓: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
㉔: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
㉕: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
㉖: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
㉗: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
㉘: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
㉙: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
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㉜: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
㉝: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
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㉟: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
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㊵: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
㊶: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
㊷: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
㊸: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
㊹: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
㊺: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
㊻: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
㊼: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	
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㊿: Dim. A 8.20-2007/05/07-C		P1X85T-6237-01D		2008/09/11		UNIT: m.m	



CONN TOP  
 COMPONENT INC.

1: PIN86P-2XXBKHX0  
 2: H1X25-2XXBKHX0  
 3: P1X85T-6237-01D

DRAWING NO: PB-00154  
 DRAWN BY: LIN  
 APPROVAL BY: [Signature]