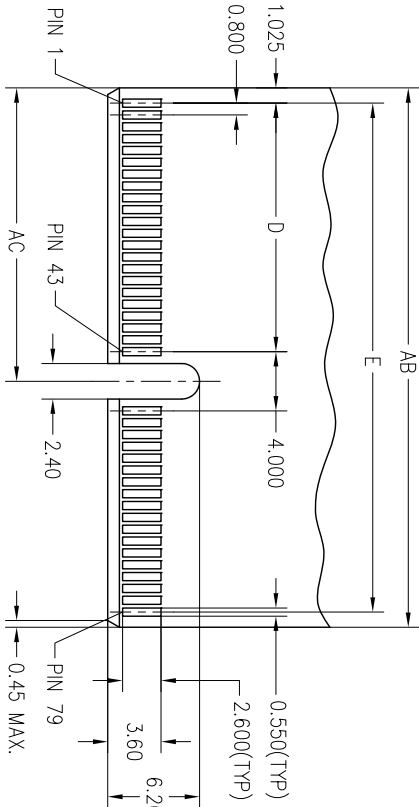
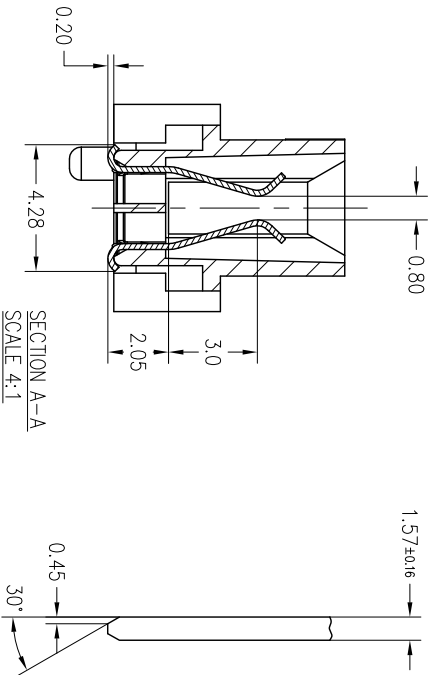
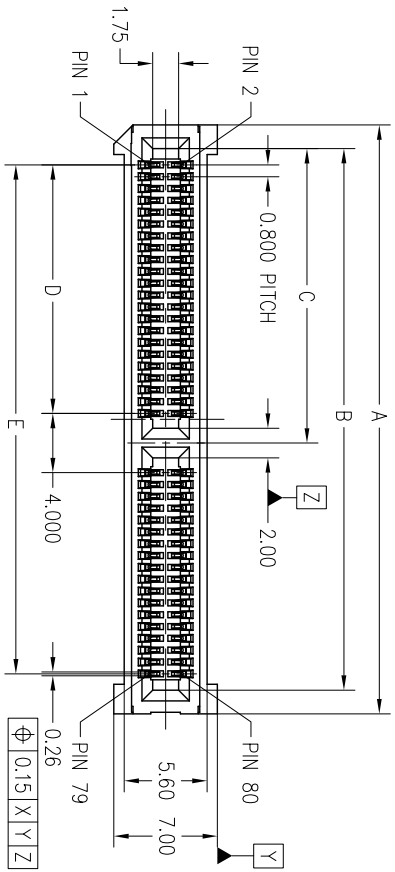
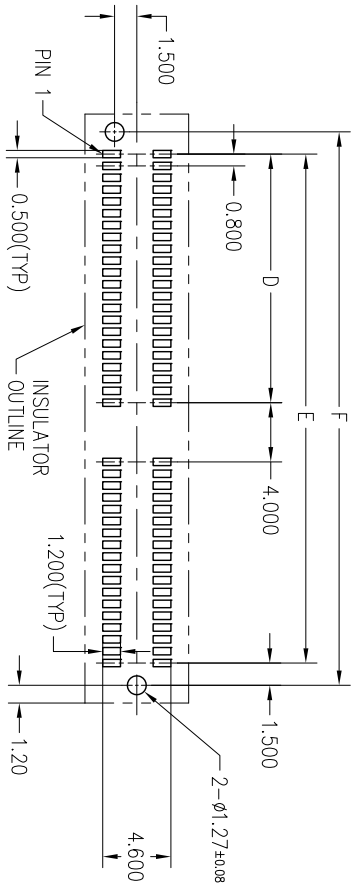
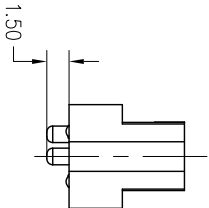
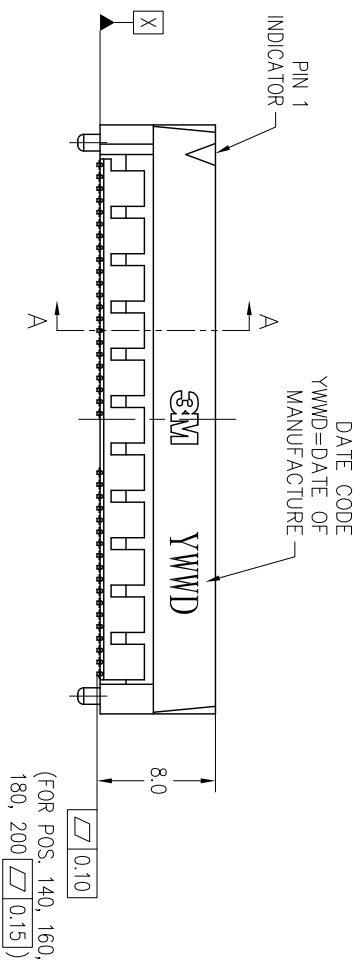


3M™ HIGH SPEED CARD-EDGE CONNECTOR, SPD08 SERIES

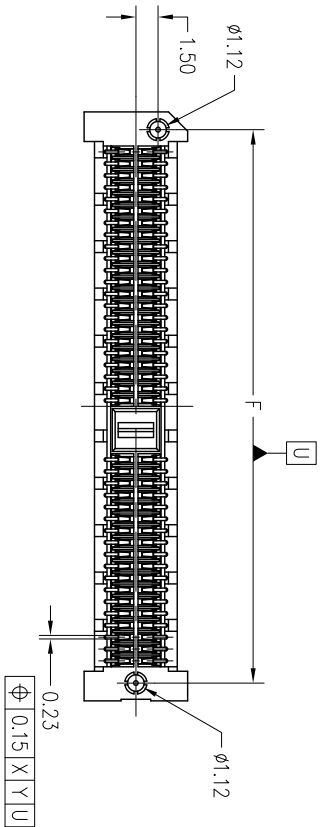
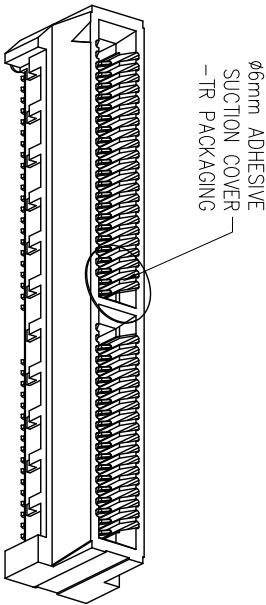
FIG. 2
FOR POSITIONS 050, 080, 100, 120,
140, 160, 180, 200, W/O LATCH TYPE
(SHOWN: SPD08-080-XX-TR)



RECOMMENDED MATING CARD LAYOUT



RECOMMENDED PCB LAYOUT

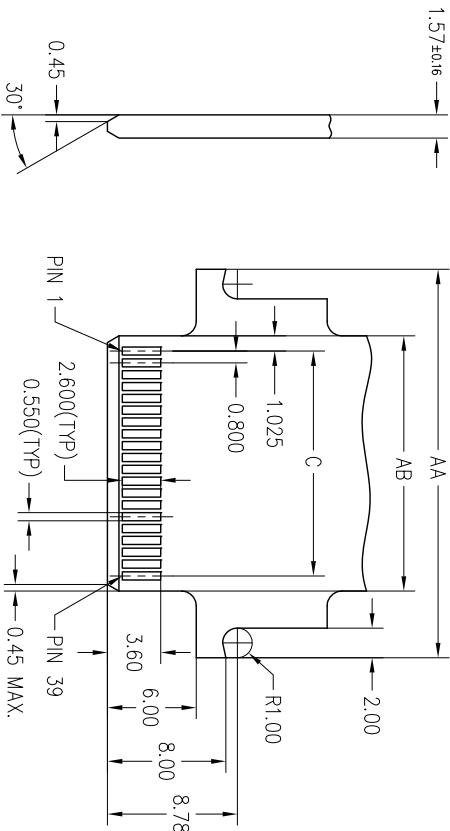
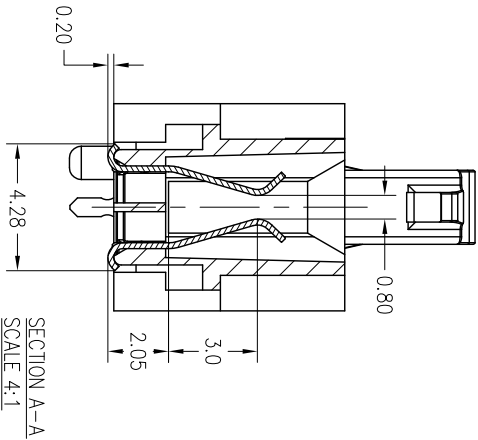
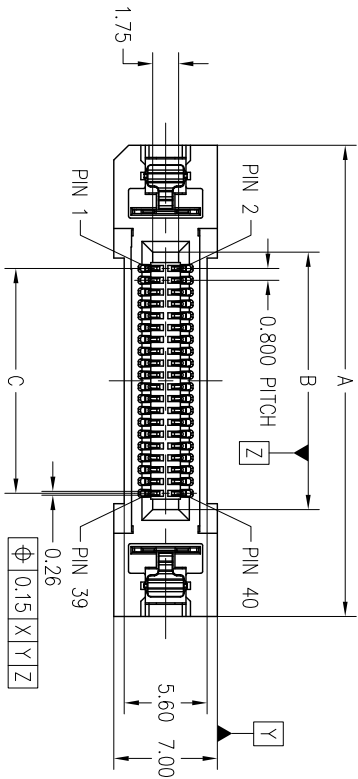


POSITIONS	DIMENSIONS						AB	AC
	A	B	C	D	E	F		
50	27.80	24.60	7.10	4.000	22.400	25.40	24.45	7.025
80	39.80	36.60	19.90	16.800	34.400	37.40	36.45	19.825
100	47.80	44.60	23.90	20.800	42.400	45.40	44.45	23.825
120	55.80	52.60	27.90	24.800	50.400	53.40	52.45	27.825
140	63.80	60.60	27.90	24.800	58.400	61.40	60.45	27.825
160	71.80	68.60	27.90	24.800	66.400	69.40	68.45	27.825
180	79.80	76.60	27.90	24.800	74.400	77.40	76.45	27.825
200	87.80	84.60	27.90	24.800	82.400	85.40	84.45	27.825

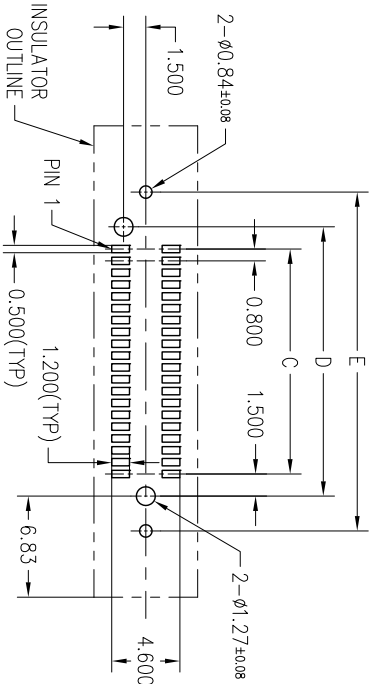
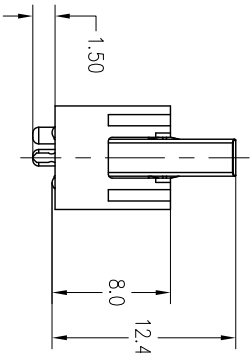
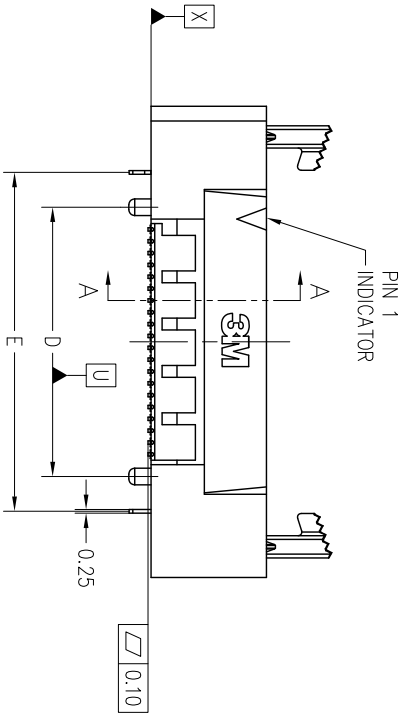
DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DISTRIBUTION CODES				DRFT	K.D. LIU	DATE 05/11/11		MFG	
				CHGD		DATE		APPR	
DIVISION ESD		SCALE 2:1		DIVISION CODE		TOLERANCES EXCEPT AS NOTED		TITLE	
DO NOT SCALE DRAWING						INCHES		SPD08 HIGH SPEED CARD EDGE CONNECTOR, 0.8MM PITCH SMT	
THIRD ANGLE PROJECTION						MILLIMETERS		© 3M COPYRIGHT	
INTERPRET PER ASME Y14.5 - 1994						0 ± 0.50		of the 3M Company and may not be reproduced without 3M written permission or used for other than 3M authorized purposes.	
MAY SURFACE ROUGHNESS						0.00 ± 0.10		CAGE NUMBER	
☐ ALL SURFACES						0.05 ± 0.05		DRAWING NO. 78-5100-2420-7	
✓ ☐ MARKED ONLY						ANGLES ± 3°		REV. B	
								DET. [] SHT 2 OF 4	

3M™ HIGH SPEED CARD-EDGE CONNECTOR, SPD08 SERIES

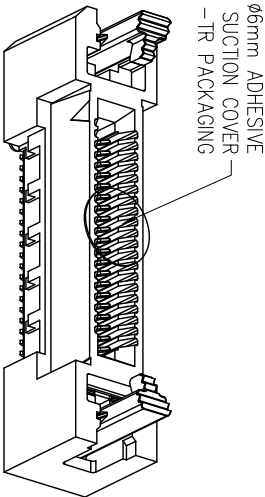
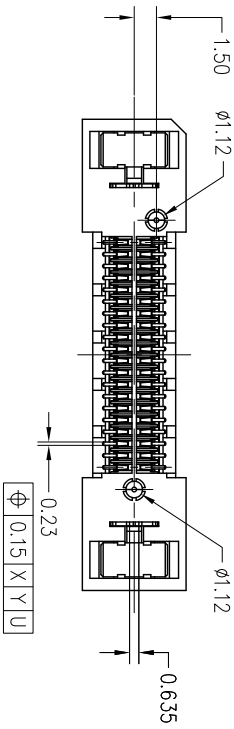
FIG. 3
FOR POSITIONS 020, 040, 060,
WITH LATCH TYPE
(SHOWN: SPD08-040-L-XX-TR)



RECOMMENDED MATING CARD LAYOUT



RECOMMENDED PCB LAYOUT



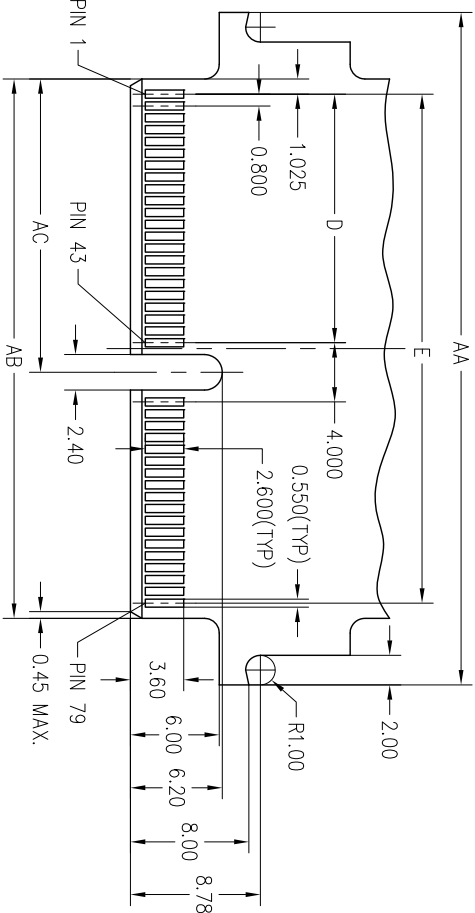
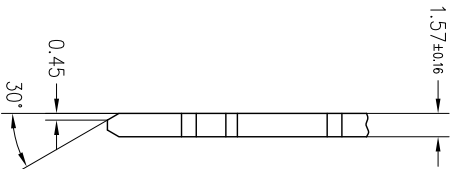
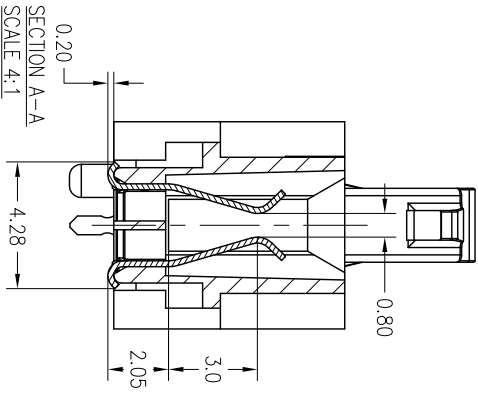
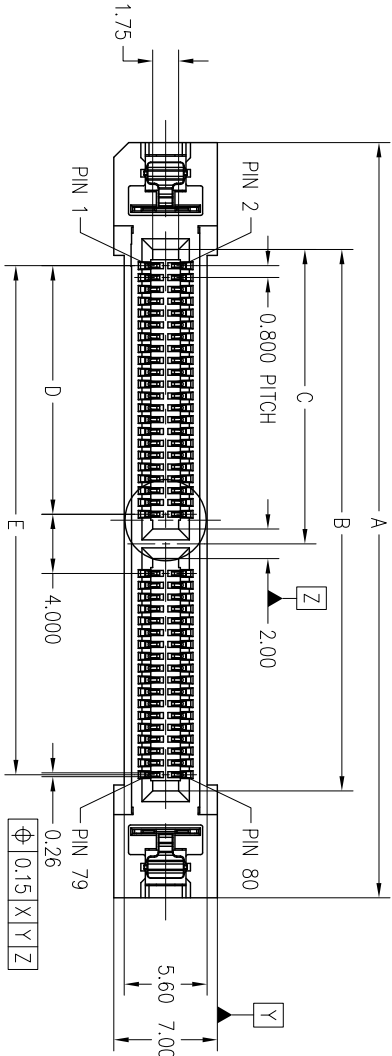
POSITIONS	DIMENSIONS					
	A	B	C	D	E	AA
20	23.85	9.40	7.200	10.20	14.90	18.25
40	31.85	17.40	15.200	18.20	22.90	26.25
60	39.85	25.40	23.200	26.20	30.90	34.25

DESIGN REFERENCE		NEXT ASSEMBLY		REV		ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DISTRIBUTION CODES				DRFT		K.D. LIU	DATE 05/11/11		MFG	DATE
				CHND			DATE		APPL	DATE
DIVISION		ESD		DIVISION CODE						
DO NOT SCALE DRAWING		SCALE 2:1		TOLERANCES EXCEPT AS NOTED						
THIRD ANGLE PROJECTION				INCHES						
INTERPRET PER ASME Y14.5 - 1994		MILLIMETERS		ANGLES ± 3°						
MAX SURFACE ROUGHNESS		0 ± 0.50		0 ± 0.20						
□ ALL SURFACES		0.00 ± 0.10		0.05						
✓ □ MARKED ONLY										
TITLE		SPD08 HIGH SPEED CARD EDGE CONNECTOR, 0.8MM PITCH SMT		CAGE NUMBER		SIZE	DRAWING NO.		REV.	
				MODEL		C	78-5100-2420-7		B	
				DET		LISTS		YES		NO
				SHT		3		OF		4

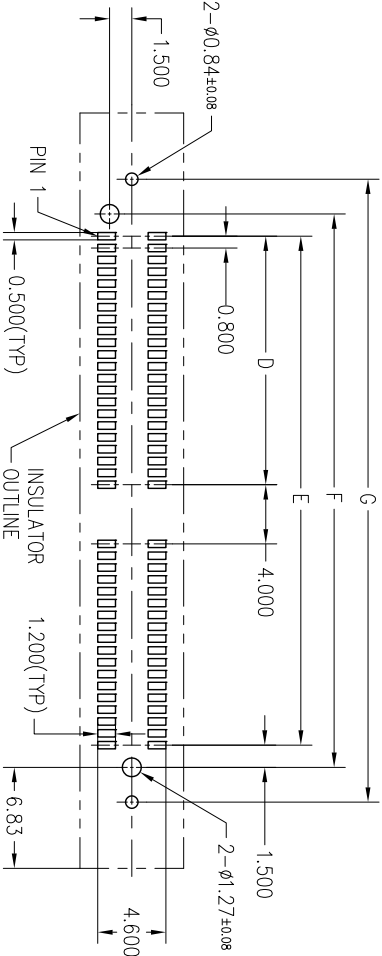
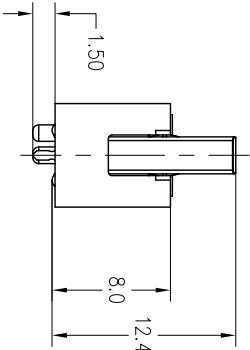
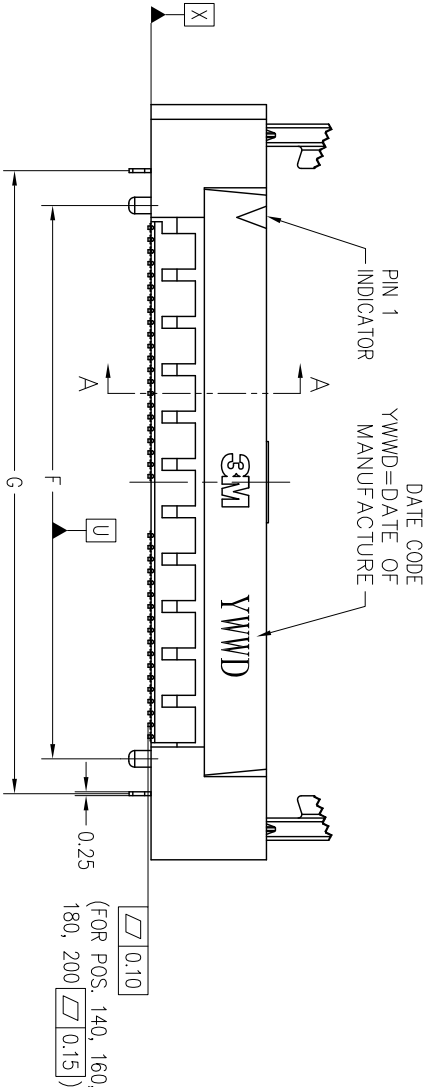
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3M™ HIGH SPEED CARD-EDGE CONNECTOR, SPD08 SERIES

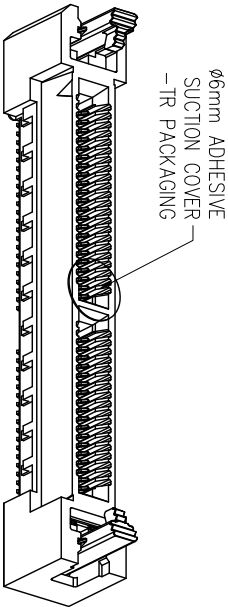
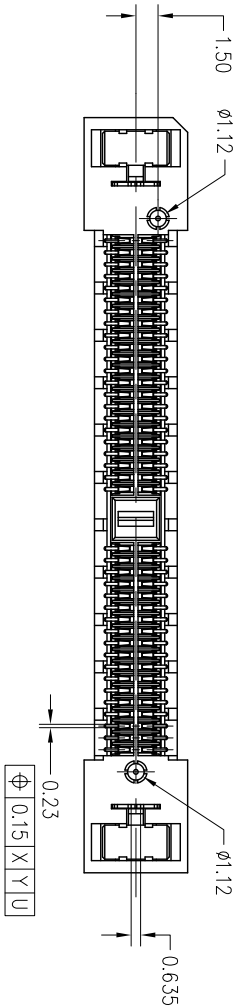
FIG. 4
FOR POSITIONS 050, 080, 100, 120,
140, 160, 180, 200, WITH LATCH TYPE
(SHOWN: SPD08-080-L-XX-TR)



RECOMMENDED MATING CARD LAYOUT



RECOMMENDED PCB LAYOUT



POSITIONS	DIMENSIONS									
	A	B	C	D	E	F	G	AA	AB	AC
50	39.05	24.60	7.10	4.000	22.400	25.40	30.10	33.45	24.45	7.025
80	51.05	36.60	19.90	16.800	34.400	37.40	42.10	45.45	36.45	19.825
100	59.05	44.60	23.90	20.800	42.400	45.40	50.10	53.45	44.45	23.825
120	67.05	52.60	27.90	24.800	50.400	53.40	58.10	61.45	52.45	27.825
140	75.05	60.60	27.90	24.800	58.400	61.40	66.10	69.45	60.45	27.825
160	83.05	68.60	27.90	24.800	66.400	69.40	74.10	77.45	68.45	27.825
180	91.05	76.60	27.90	24.800	74.400	77.40	82.10	85.45	76.45	27.825
200	99.05	84.60	27.90	24.800	82.400	85.40	90.10	93.45	84.45	27.825

DESIGN REFERENCE		NEXT ASSEMBLY		REV		ECO	ISSUE DATE AND DESCRIPTION		DRAFT	CHKD
DISTRIBUTION CODES				DRAFT		K.D. LIU	DATE 05/11/11		MFG	DATE
DIVISION		ESD		DIVISION CODE		TOLERANCES EXCEPT AS NOTED				
DO NOT SCALE DRAWING		SCALE 2:1		INCHES		MILLIMETERS				
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 1994		MAY SURFACE ROUGHNESS		ALL SURFACES				
MARKED ONLY		ANGLES ± 3°								
TITLE		SPD08 HIGH SPEED CARD EDGE CONNECTOR, 0.8MM PITCH SMT								
CAGE NUMBER		DRAWING NO.		REV.						
78-5100-2420-7		B								
MODEL		DET. [] SHT 4 OF 4								

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