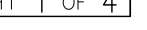


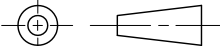
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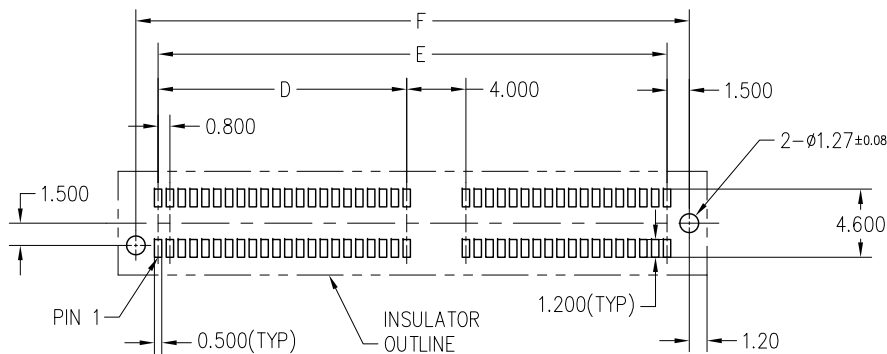
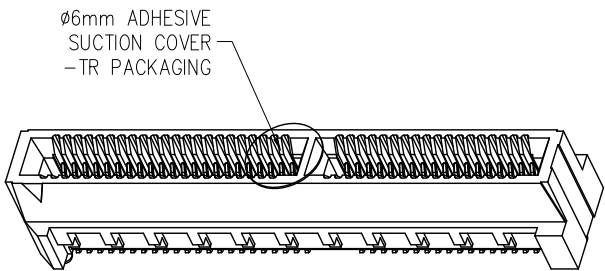
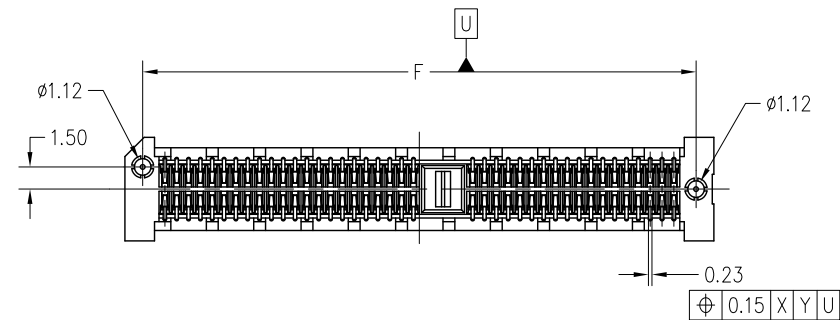
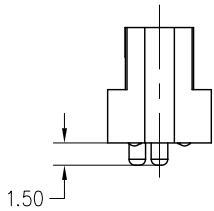
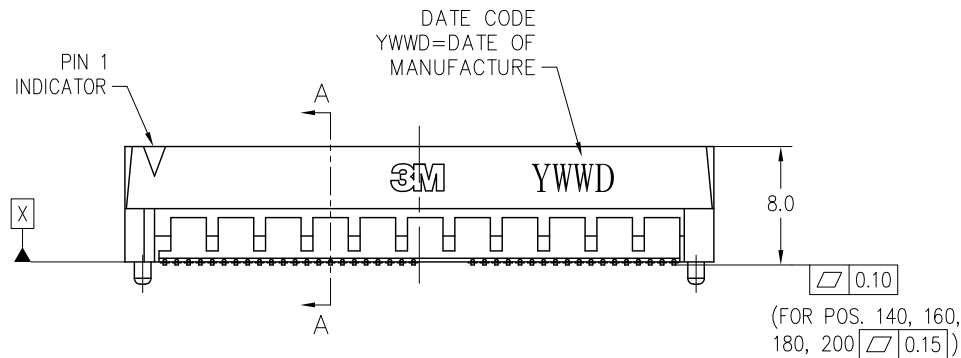
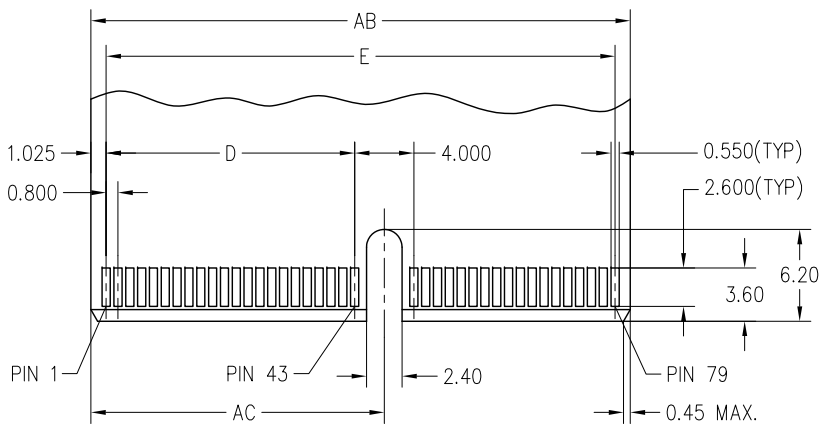
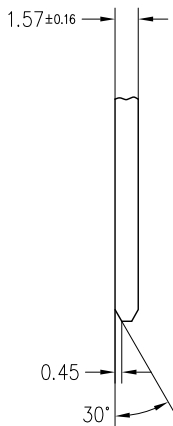
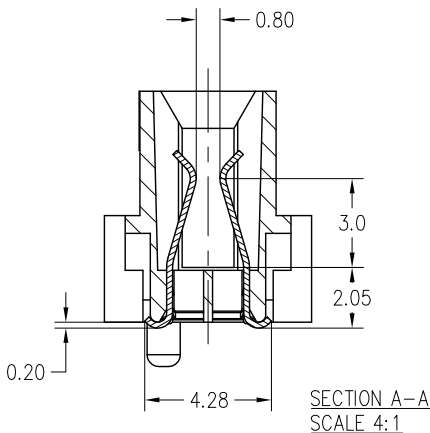
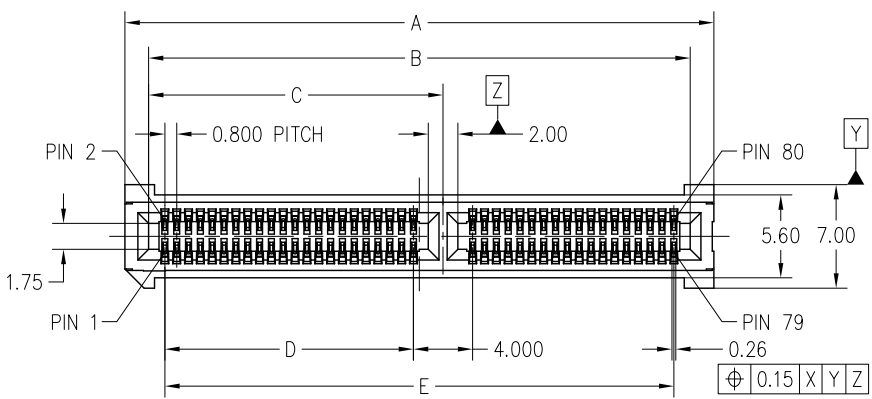
REVISION

4

DESIGN REFERENCE				NEXT ASSEMBLY				REV		ECO		ISSUE DATE AND DESCRIPTION				REV		CHKD					
DISTRIBUTION CODES								DRFT		K.D. LIU		DATE		05/11/11		MFG		DATE					
								CHKD				DATE		APPVL		DATE							
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DO NOT SCALE DRAWING		SCALE 2:1		TOLERANCES EXCEPT AS NOTED																			
 THIRD ANGLE PROJECTION				INCHES				TITLE SPD08 HIGH SPEED CARD EDGE CONNECTOR, 0.8MM PITCH SMT															
				.0 ± .00 ± .000 ± .0000 ±																			
INTERPRET PER ASME Y14.5 - 1994				MILLIMETERS				CAGE NUMBER C										DRAWING NO. 78-5100-2420-7				REV. B	
MAX SURFACE ROUGHNESS ☐ ALL SURFACES ☒ MARKED ONLY				.0 ± 0.50 .0 ± 0.20 .00 ± 0.10 .000 ± 0.05																			
☒				ANGLES ± 3'				MODEL				DET. USTS ☐ YES ☐ NO				SHT 1 OF 4							

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)

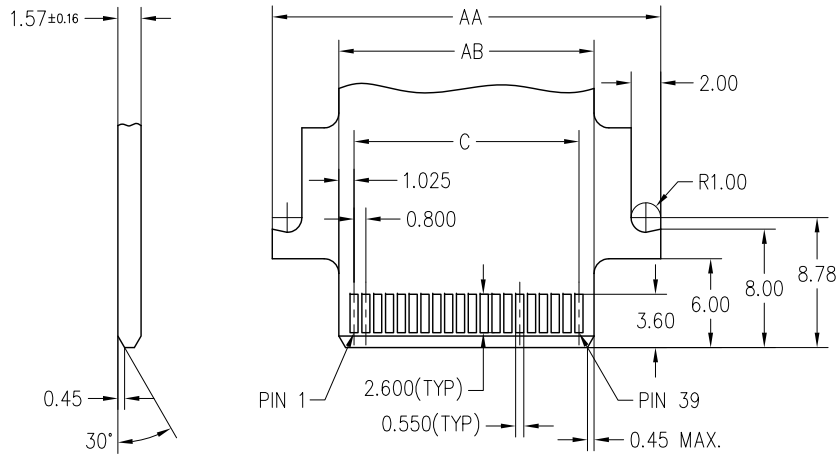
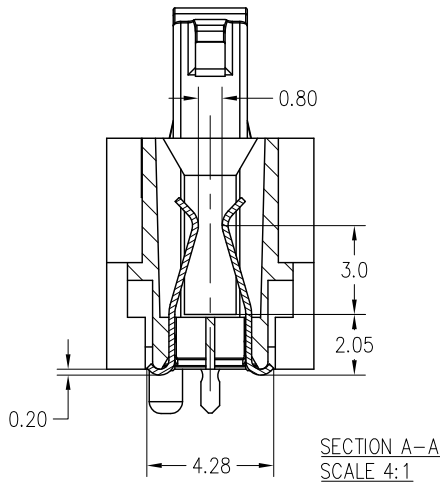
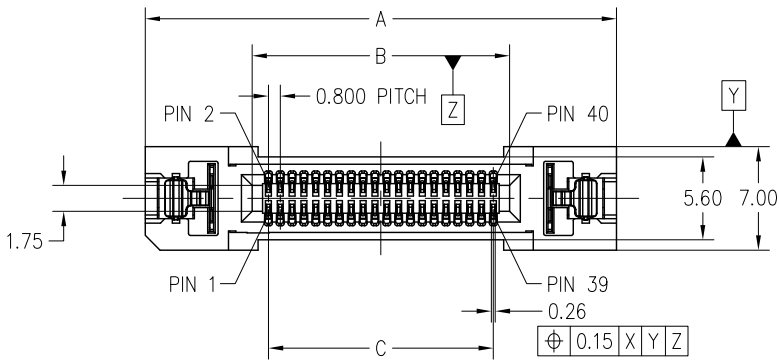


POSITONS	DIMENSIONS							
	A	B	C	D	E	F	AB	AC
50	27.80	24.60	7.10	4.000	22.400	25.40	24.45	7.025
80	39.80	36.60	19.90	16.800	34.400	37.40	36.45	19.825
100	47.80	44.60	23.90	20.800	42.400	45.40	44.45	23.825
120	55.80	52.60	27.90	24.800	50.400	53.40	52.45	27.825
140	63.80	60.60	27.90	24.800	58.400	61.40	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

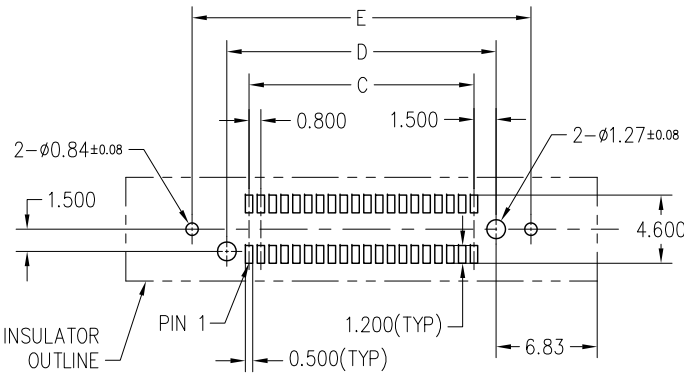
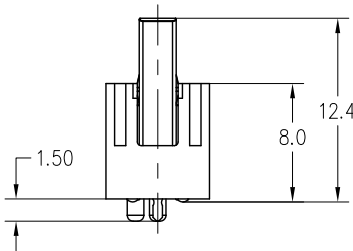
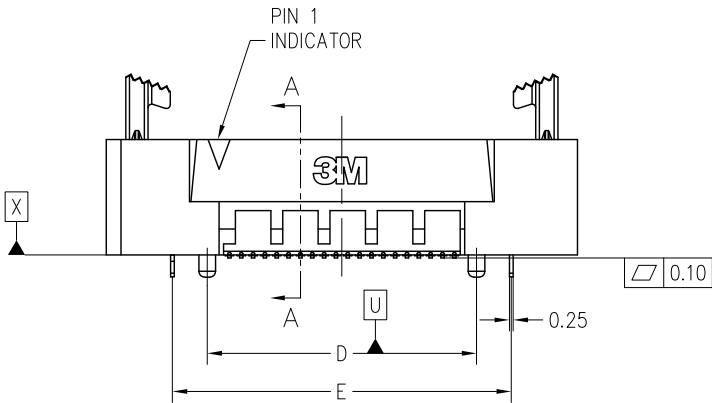
DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD		
DISTRIBUTION CODES				DRFT	K.D. LIU	DATE	05/11/11	MFG	DATE		
				CHKD		DATE		APPL	DATE		
DIVISION ESD		DIVISION CODE		 3M Center St. Paul, MN 55144 © 3M COPYRIGHT This document is the copyrighted property of the 3M Company and may not be reproduced without 3M written permission or used for other than 3M authorized purposes.							
DO NOT SCALE DRAWING		SCALE 2:1								TOLERANCES EXCEPT AS NOTED	
THIRD ANGLE PROJECTION		INCHES .0 ± .00 ± .000 ± .0000 ±									
INTERPRET PER ASME Y14.5 - 1994		MILLIMETERS 0 ± 0.50 .0 ± 0.20 .00 ± 0.10 .000 ± 0.05		TITLE SPD08 HIGH SPEED CARD EDGE CONNECTOR, 0.8MM PITCH SMT							
MAX SURFACE ROUGHNESS ☐ ALL SURFACES ☑ MARKED ONLY		ANGLES ± 3°									
CAGE NUMBER		SIZE C	DRAWING NO. 78-5100-2420-7		REV. B		MODEL				
				DET. LISTS ☐ YES ☐ NO		SHT 2 OF 4					

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

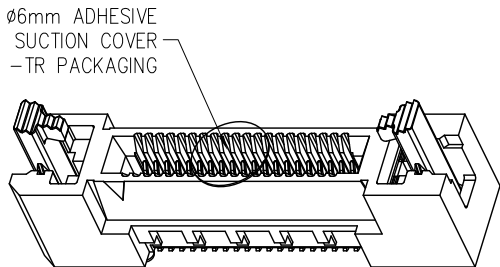
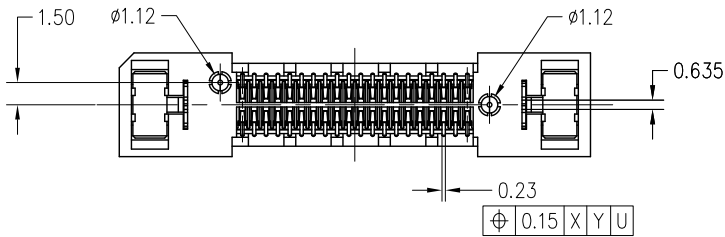
FIG. 3
FOR POSITIONS 020, 040, 060,
WITH LATCH TYPE
(SHOWN: SPD08-040-L-XX-TR)



RECOMMENDED MATING CARD LAYOUT



RECOMMENDED PCB LAYOUT

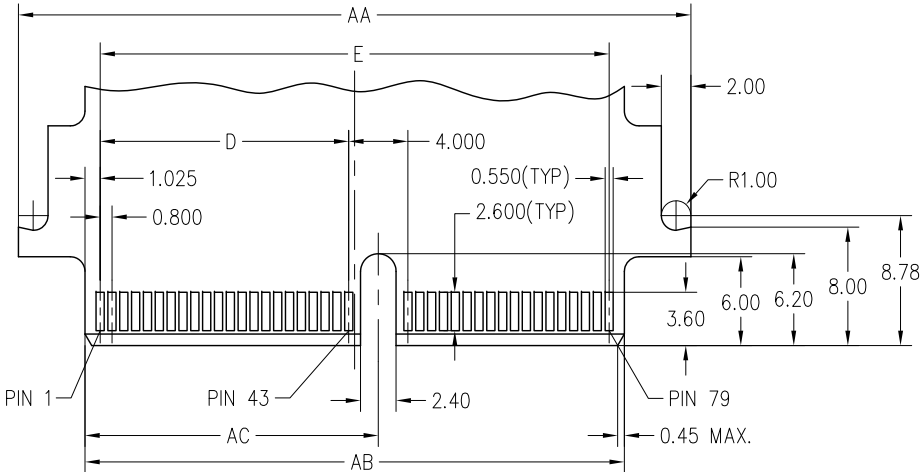
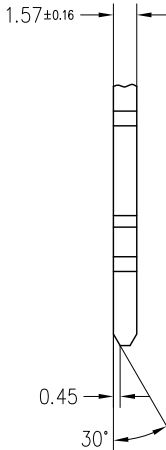
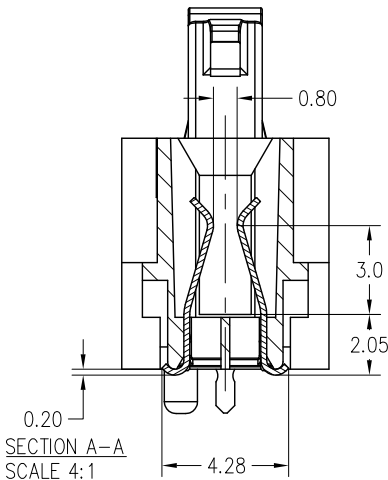
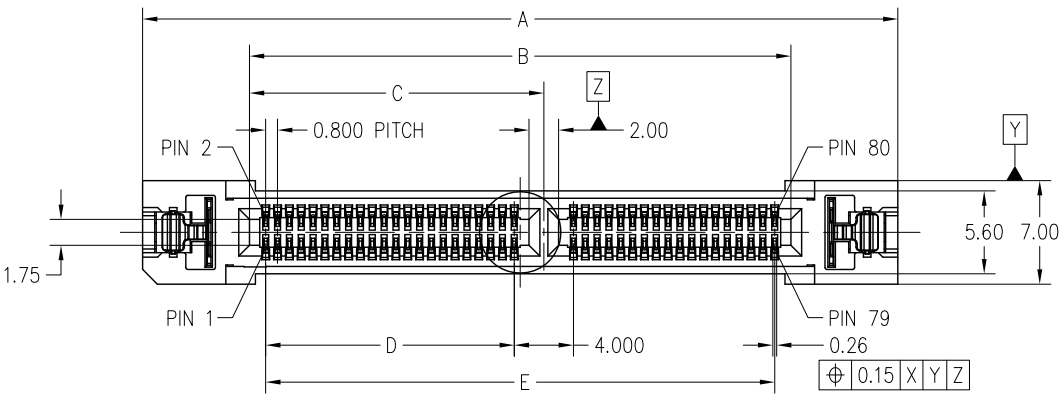


POSITIONS	DIMENSIONS						
	A	B	C	D	E	AA	AB
20	23.85	9.40	7.200	10.20	14.90	18.25	9.25
40	31.85	17.40	15.200	18.20	22.90	26.25	17.25
60	39.85	25.40	23.200	26.20	30.90	34.25	25.25

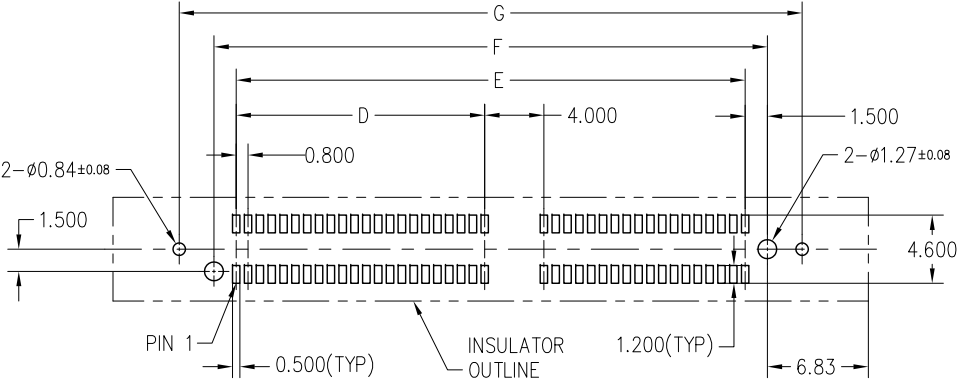
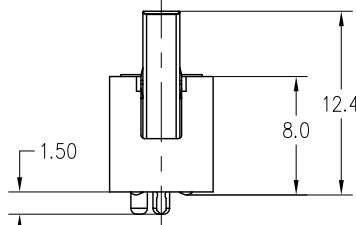
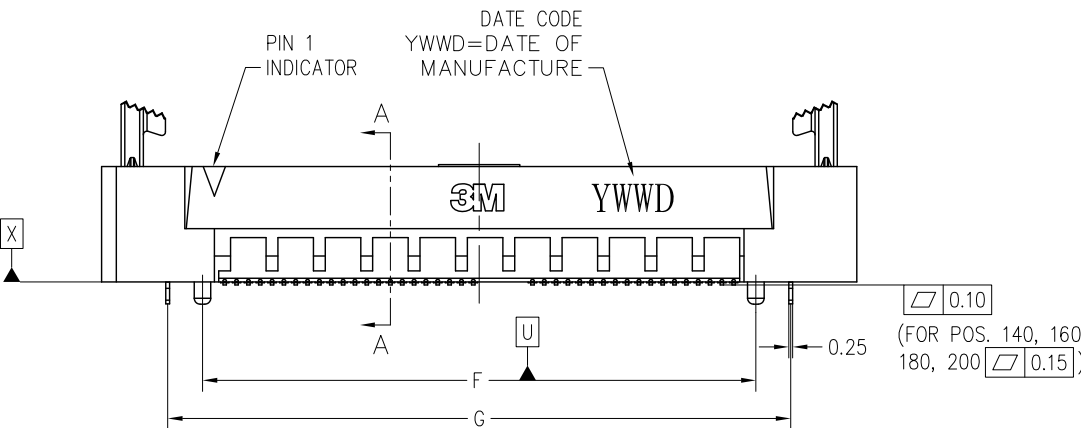
DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DISTRIBUTION CODES		DRFT	K.D. LIU	DATE	05/11/11	MFG	DATE
		CHKD		DATE		APPL	DATE
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THIRD ANGLE PROJECTION		INCHES .0 ± .00 ± .000 ± .0000 ±		TITLE SPD08 HIGH SPEED CARD EDGE CONNECTOR, 0.8MM PITCH SMT			
INTERPRET PER ASME Y14.5 - 1994		MILLIMETERS 0 ± 0.50 .0 ± 0.20 .00 ± 0.10 .000 ± 0.05		CAGE NUMBER 78-5100-2420-7			
MAX SURFACE ROUGHNESS □ ALL SURFACES ✓ MARKED ONLY		ANGLES ± 3°		REV. B			
		MODEL		DET. LISTS □ YES □ NO SHT 3 OF 4			

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

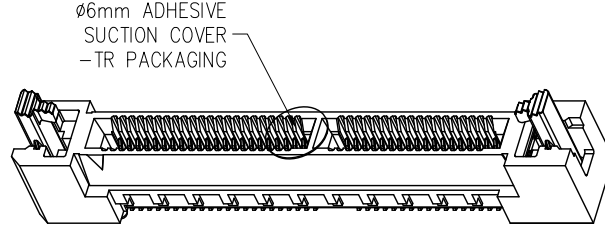
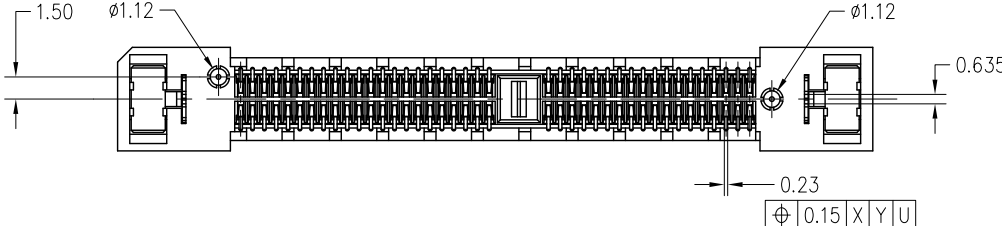
FIG. 4
FOR POSITIONS 050, 080, 100, 120,
140, 160, 180, 200, WITH LATCH TYPE
(SHOWN: SPD08-080-L-XX-TR)



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		DRFT	CHKD
DISTRIBUTION CODES				DRFT	K.D. LIU	DATE	05/11/11	MFG	DATE
				CHKD		DATE		APPL	DATE
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THIRD ANGLE PROJECTION		TOLERANCES EXCEPT AS NOTED							
INTERPRET PER ASME Y14.5 - 1994		INCHES		TITLE SPD08 HIGH SPEED CARD EDGE CONNECTOR, 0.8MM PITCH SMT					
MAX SURFACE ROUGHNESS		MILLIMETERS							
□ ALL SURFACES		.0 ± 0.50							
✓ □ MARKED ONLY		.00 ± 0.10							
		.000 ± 0.05		CAGE NUMBER C					
		ANGLES ± 3°		DRAWING NO. 78-5100-2420-7					
				REV. B					
				MODEL					
				DET. LISTS □ YES □ NO					
				SHT 4 OF 4					

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