

1

D

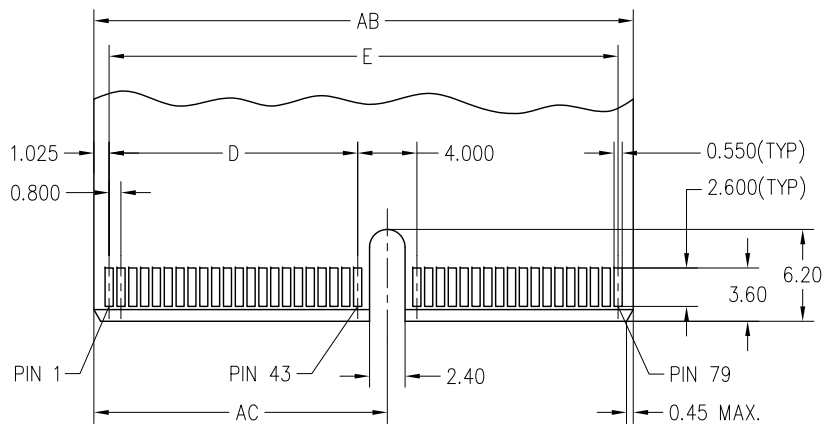
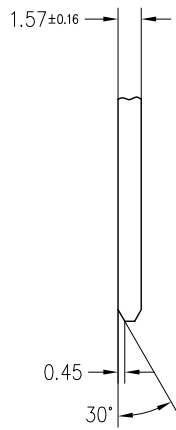
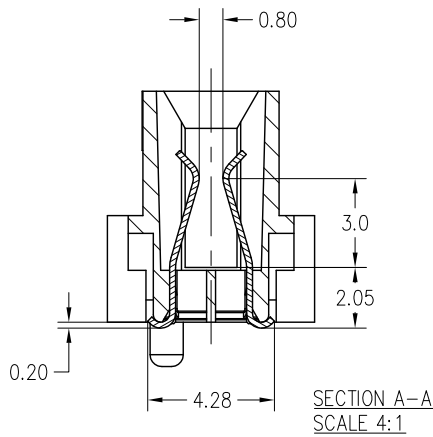
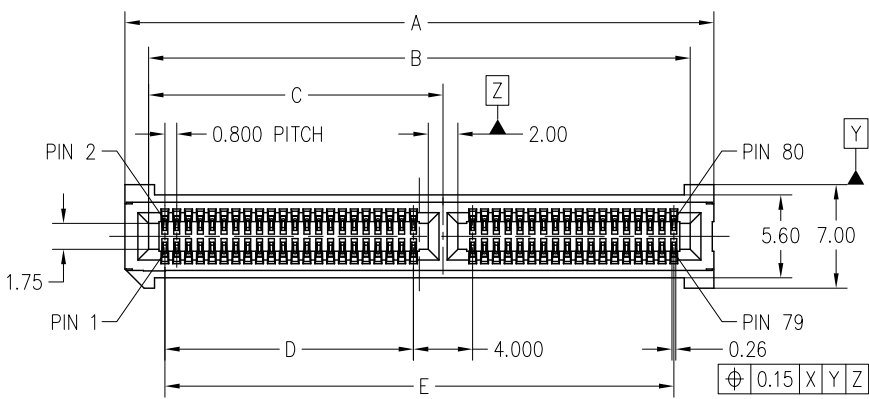


TITLE				
SPD08 HIGH SPEED CARD EDGE CONNECTOR, 0.8MM PITCH SMT				
CAGE NUMBER	SIZE C	DRAWING NO. 78-5100-2420-7		REV. B
MODEL		DET. LISTS	☐ YES ☐ NO	SHT 1 OF 4

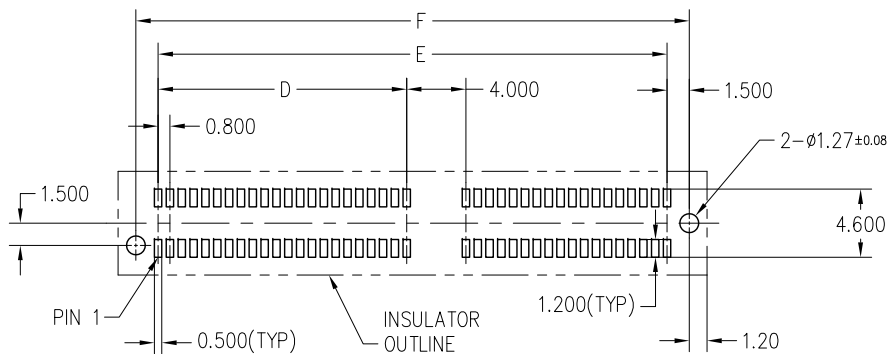
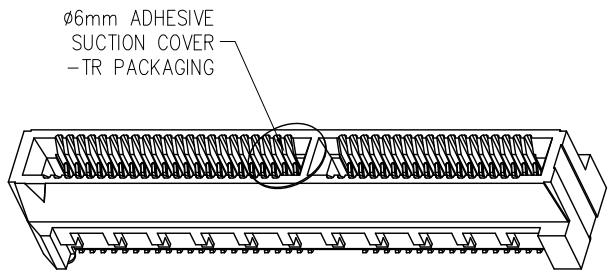
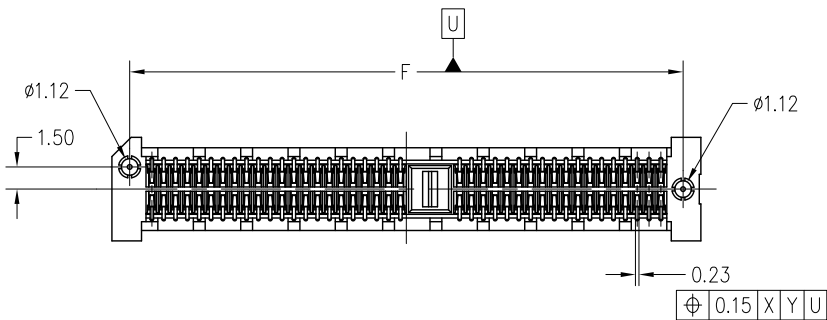
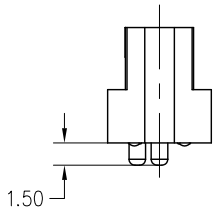
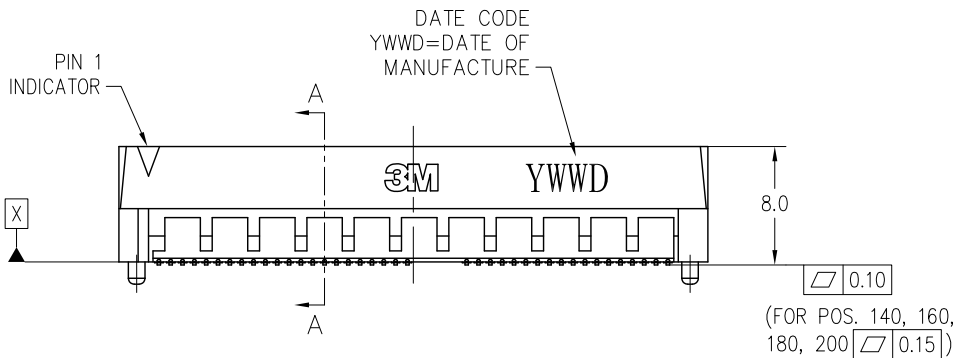
TITLE				
SPD08 HIGH SPEED CARD EDGE CONNECTOR, 0.8MM PITCH SMT				
CAGE NUMBER	SIZE C	DRAWING NO. 78-5100-2420-7		REV. B
MODEL		DET. LISTS	☐ YES ☐ NO	SHT 1 OF 4

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)

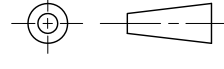


RECOMMENDED MATING CARD LAYOUT



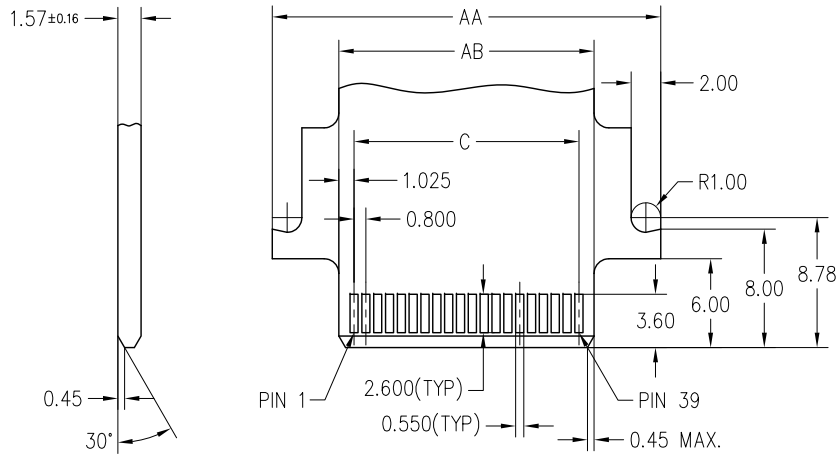
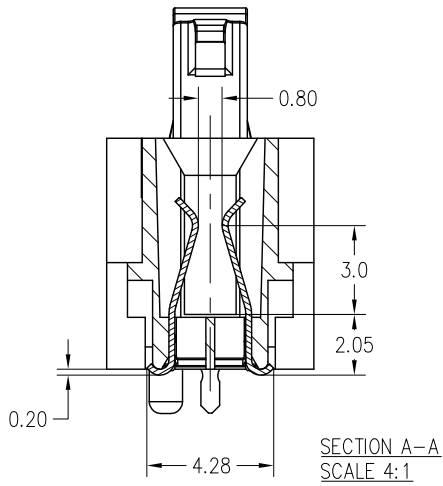
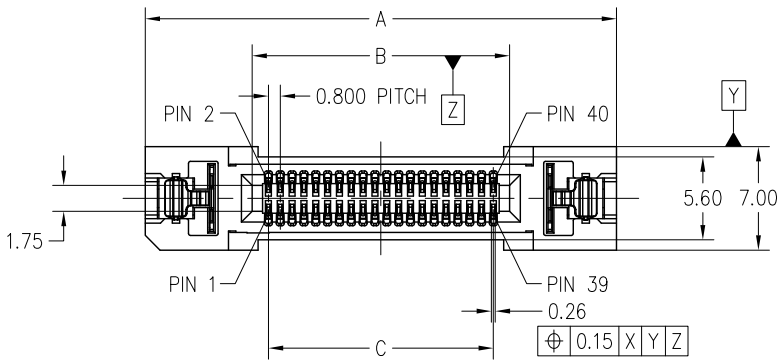
RECOMMENDED PCB LAYOUT

POSITIONS	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

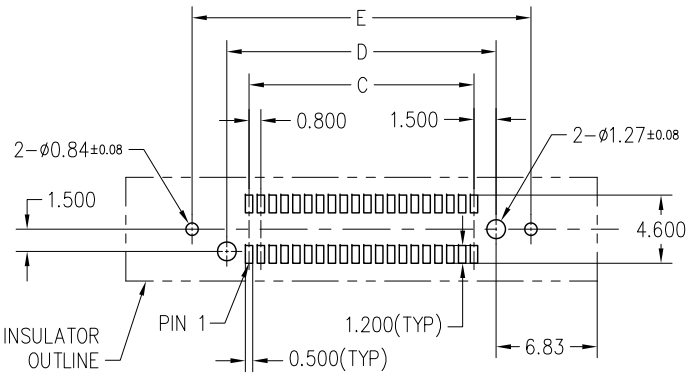
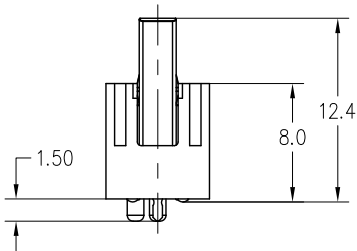
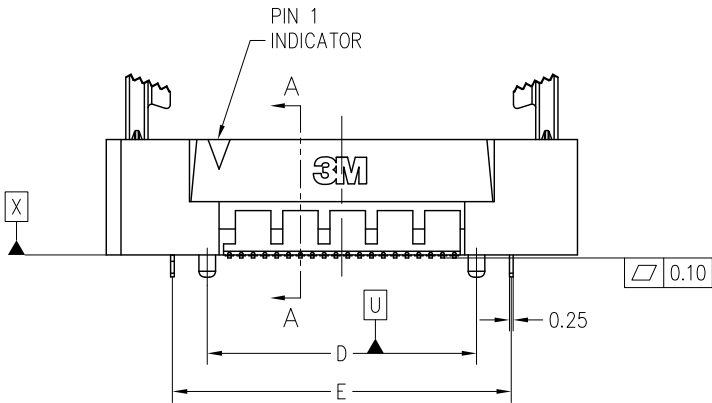
DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DISTRIBUTION CODES		DRFT	K.D. LIU	DATE	05/11/11	MFG	DATE
		CHKD		DATE		APPL	DATE
DIVISION	ESD	DIVISION CODE		 3M Center St. Paul, MN 55144 © 3M COPYRIGHT This document is the copyrighted property of the 3M Company and may not 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 ±		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					
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

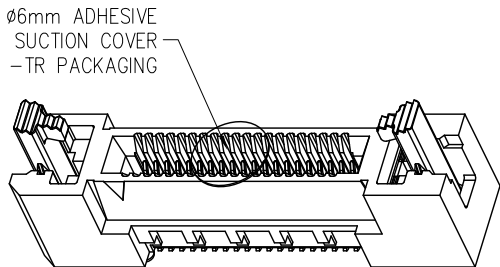
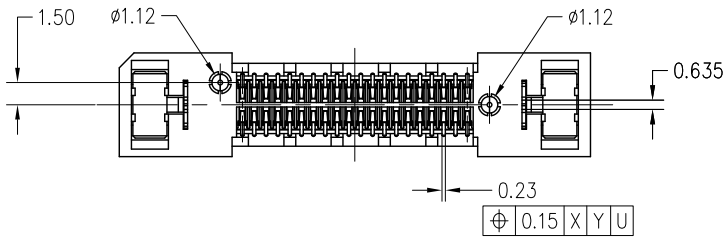
FIG. 3
FOR POSITIONS 020, 040, 060,
WITH LATCH TYPE
(SHOWN: SPD08-040-L-XX-TR)



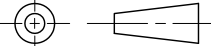
RECOMMENDED MATING CARD LAYOUT



RECOMMENDED PCB LAYOUT

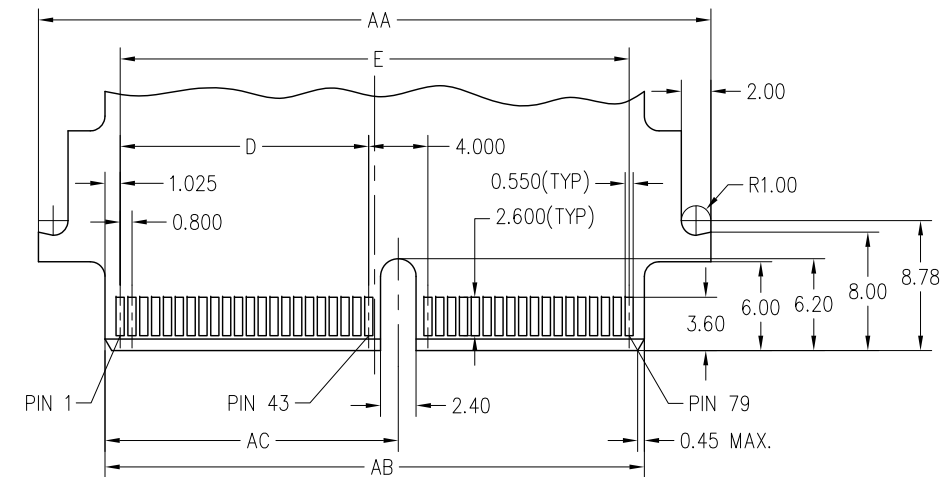
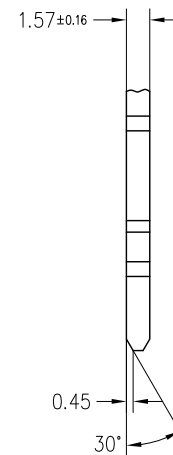
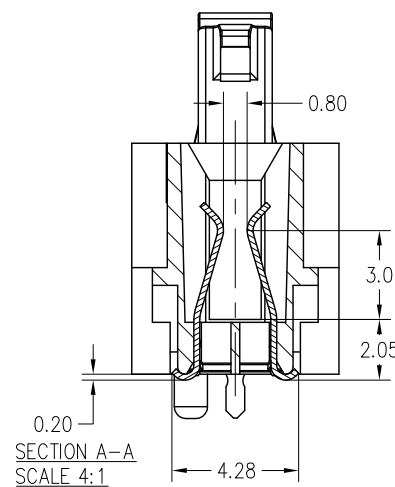
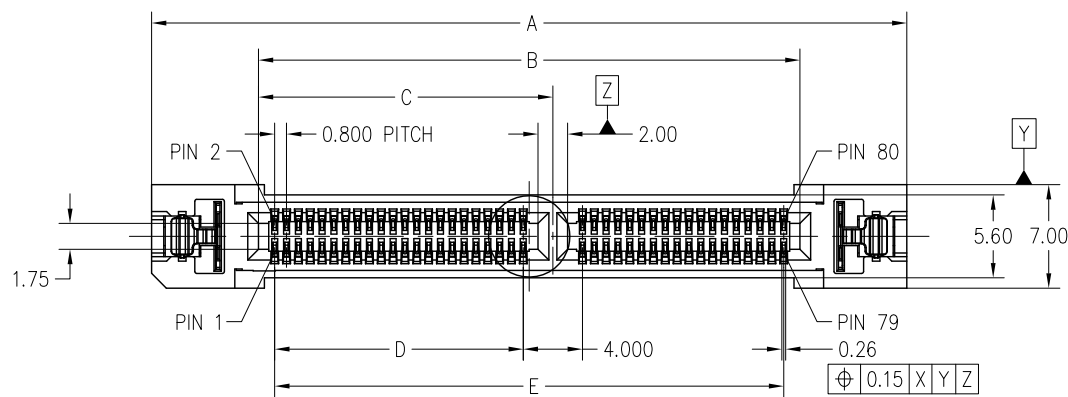


POSITIONS	DIMENSIONS						
	A	B	C	D	E	AA	AB
20	23.85	9.40	7.200	10.20	14.90	18.25	9.25
40	31.85	17.40	15.200	18.20	22.90	26.25	17.25
60	39.85	25.40	23.200	26.20	30.90	34.25	25.25

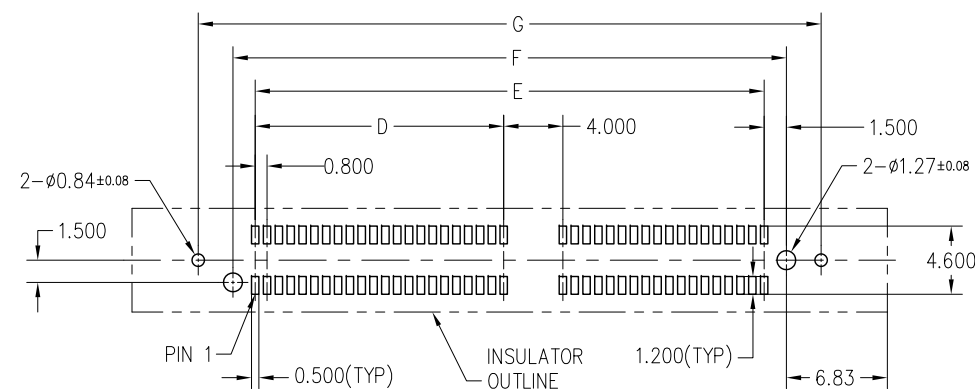
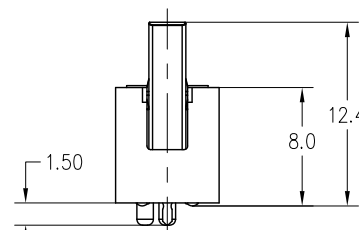
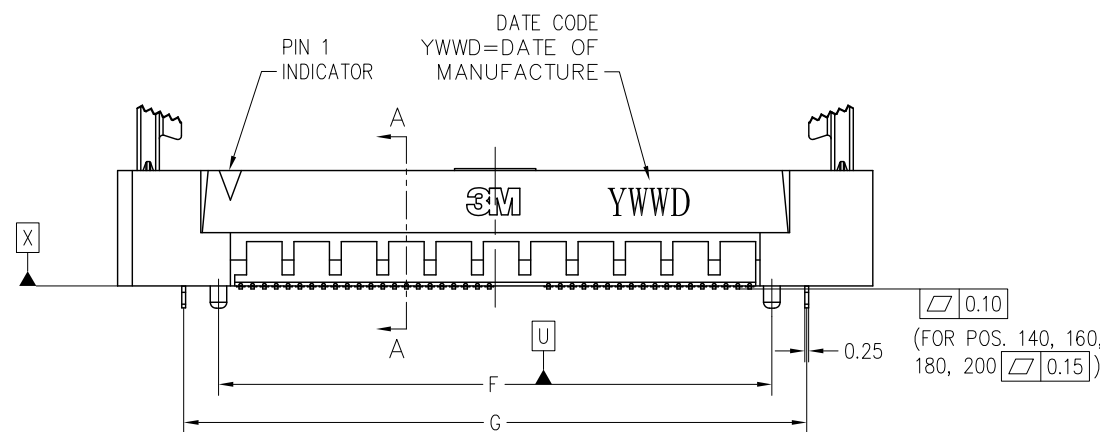
DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DISTRIBUTION CODES				DRFT	K.D. LIU	DATE	05/11/11	MFG	DATE
				CHKD		DATE		APPL	DATE
DIVISION ESD		DIVISION CODE		 3M Center St. Paul, MN 55144 © 3M COPYRIGHT This document is the copyrighted property of the 3M Company and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

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

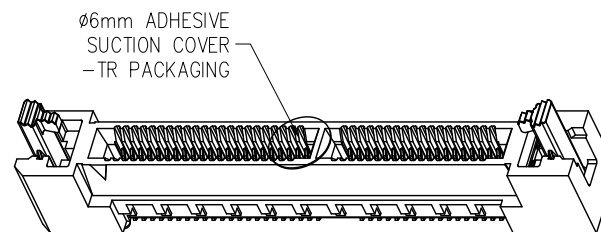
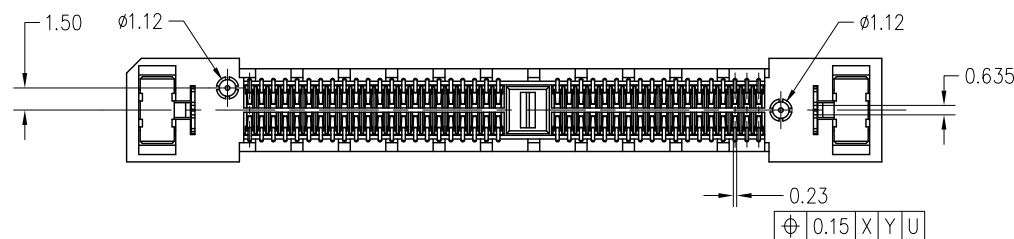
FIG. 4
FOR POSITIONS 050, 080, 100, 120,
140, 160, 180, 200, WITH LATCH TYPE
(SHOWN: SPD08-080-L-XX-TR)



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
DIVISION ESD		DIVISION CODE		© 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		SPD08 HIGH SPEED CARD EDGE CONNECTOR, 0.8MM PITCH SMT					
INTERPRET PER ASME Y14.5 - 1994		MILLIMETERS							
MAX SURFACE ROUGHNESS		ANGLES ± 3°							
☐ ALL SURFACES ☒ MARKED ONLY				CAGE NUMBER	SIZE C	DRAWING NO. 78-5100-2420-7		REV. B	
				MODEL		DET. LISTS		SHT 4 OF 4	