

1

D



VISION



VISION

- NUMBER

B

△

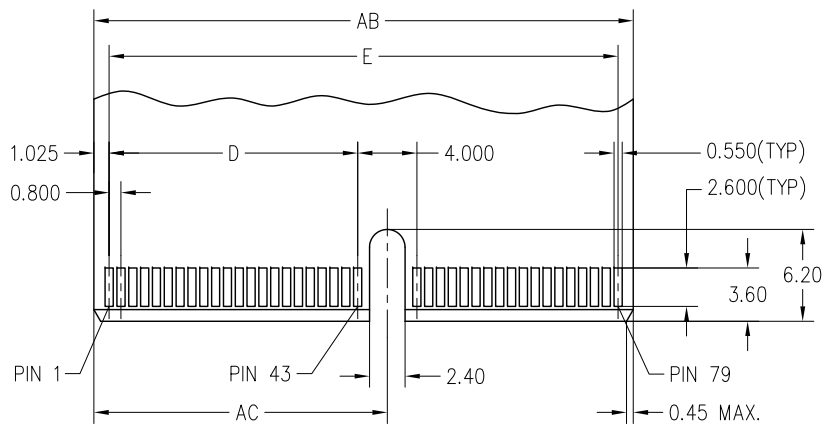
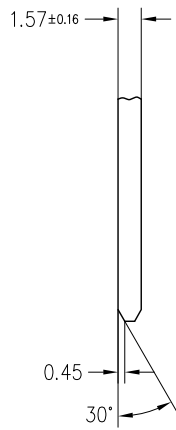
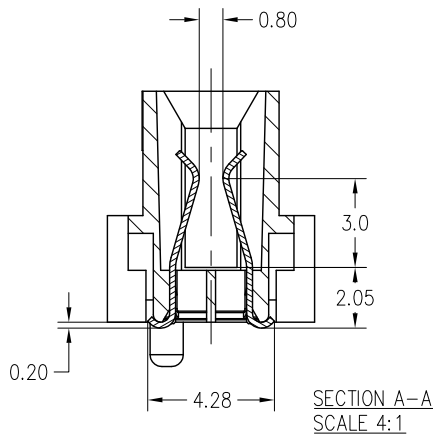
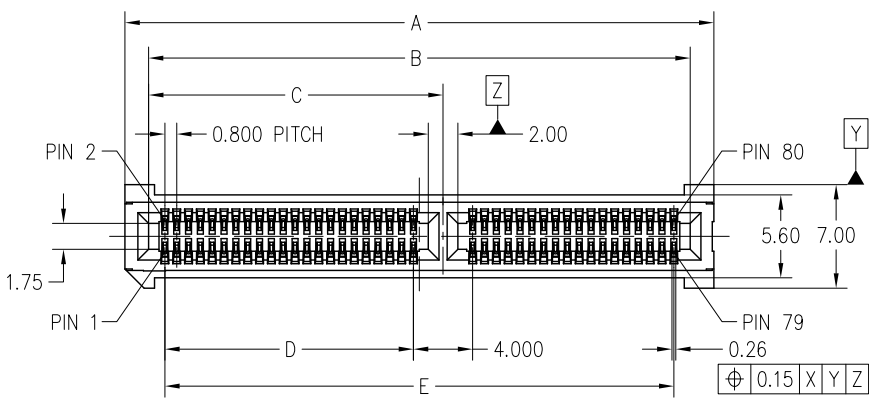
△

B		16 JUL 2013		KDLIU	KDLIU
A		11 MAY 2011		KDLIU	KDLIU
REV	ECO	ISSUE DATE AND DESCRIPTION		DFT	CHKD
DFT	K.D. LIU	DATE	05/11/11	MFG	DATE
CHKD		DATE		APPVL	DATE

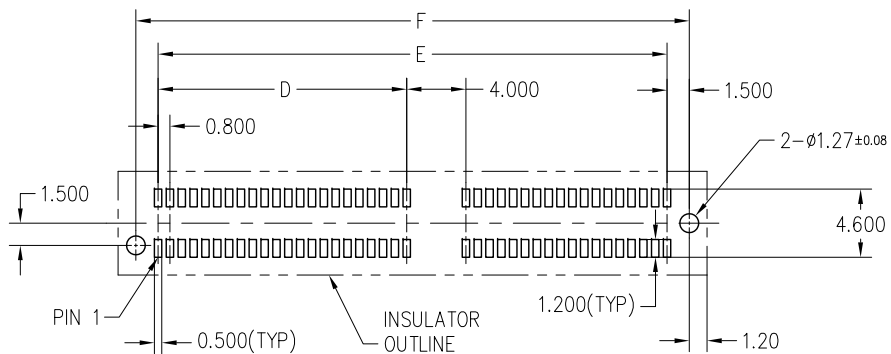
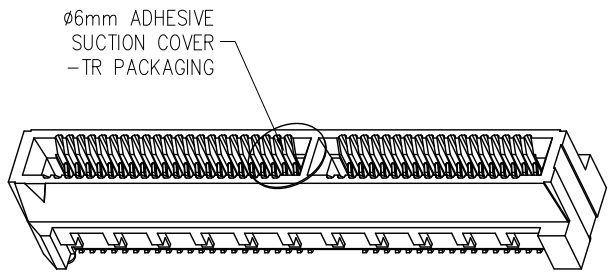
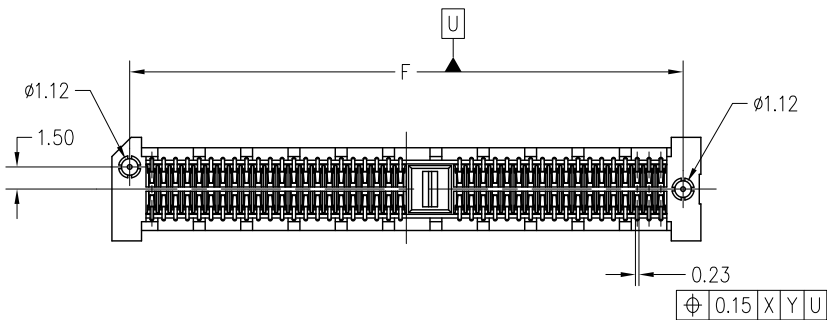
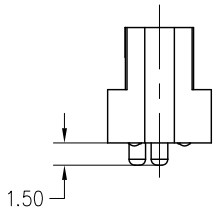
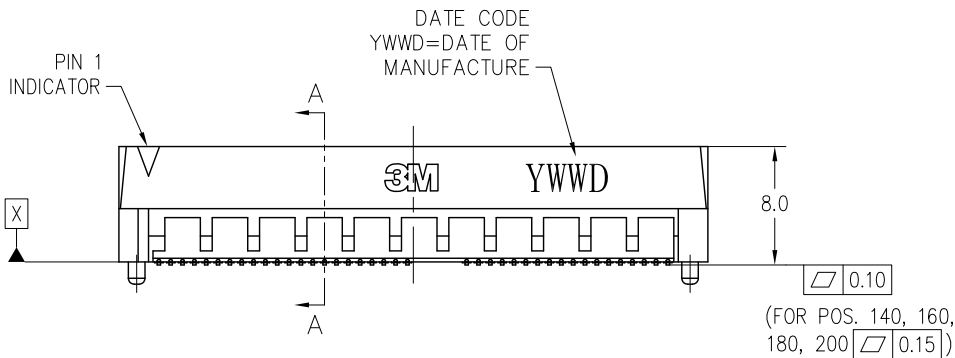
	3M Center St. Paul, MN 55144	© 3M COPYRIGHT This document is the copyrighted property of the 3M Company and may not be reproduced without 3M written permission or used for other than 3M authorized purposes.	
	TITLE SPD08 HIGH SPEED CARD EDGE CONNECTOR, 0.8MM PITCH SMT		
CAGE NUMBER	SIZE 	DRAWING NO. 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



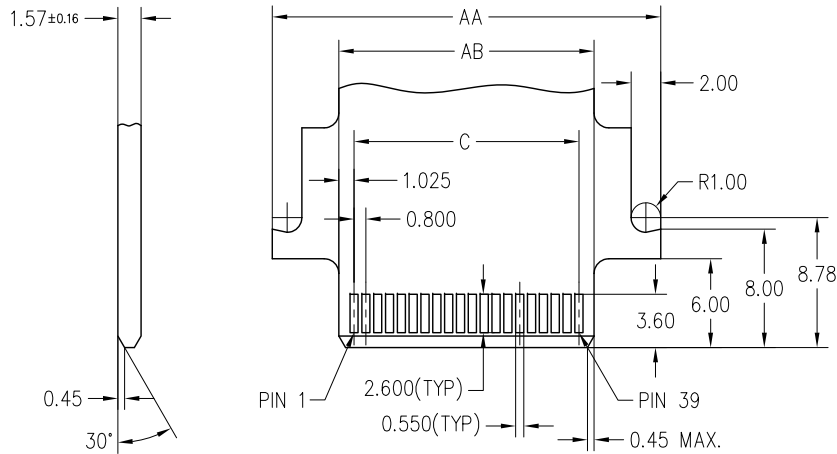
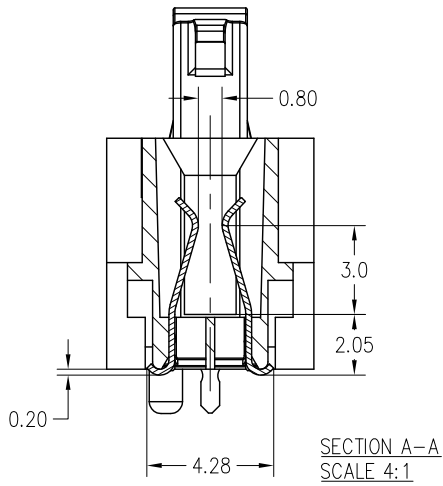
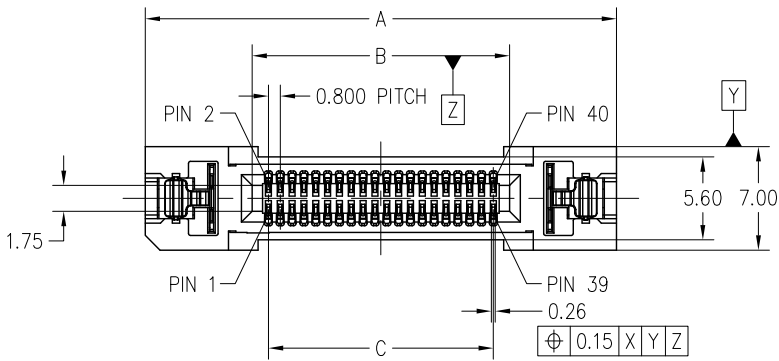
RECOMMENDED PCB LAYOUT

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

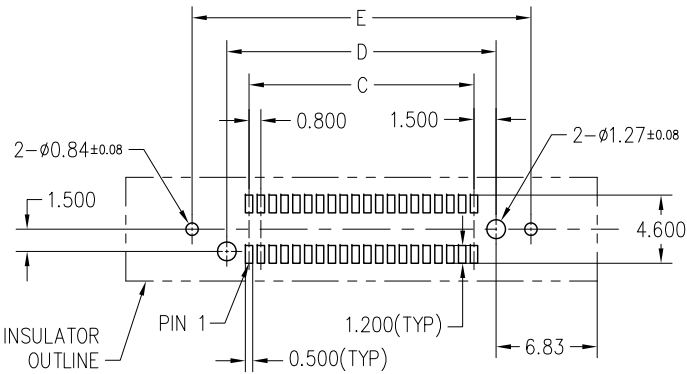
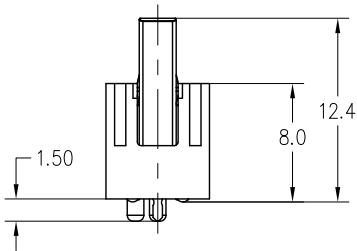
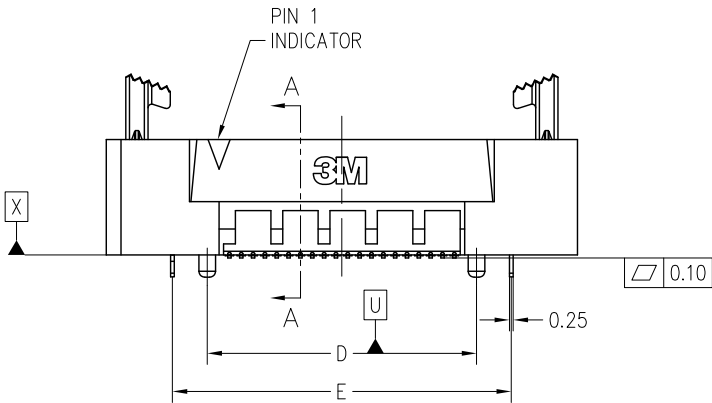
DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DISTRIBUTION CODES		DRFT	K.D. LIU	DATE	05/11/11	MFG	DATE
		CHKD		DATE		APPVL	DATE
DIVISION	ESD	DIVISION CODE		© 3M COPYRIGHT			
DO NOT SCALE DRAWING	SCALE 2:1	TOLERANCES EXCEPT AS NOTED		This document is the copyrighted property of the 3M Company and may not be reproduced without 3M written permission or used for other than 3M authorized purposes.			
THIRD ANGLE PROJECTION		INCHES		TITLE			
INTERPRET PER ASME Y14.5 - 1994		MILLIMETERS		SPD08 HIGH SPEED CARD EDGE CONNECTOR, 0.8MM PITCH SMT			
MAX SURFACE ROUGHNESS		.0 ± .05		CAGE NUMBER	SIZE	DRAWING NO.	REV.
□ ALL SURFACES		.00 ± .10			C	78-5100-2420-7	B
□ MARKED ONLY		.000 ± .05		MODEL	DET. LISTS		
		ANGLES ± 3°		SHT 2 OF 4			

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

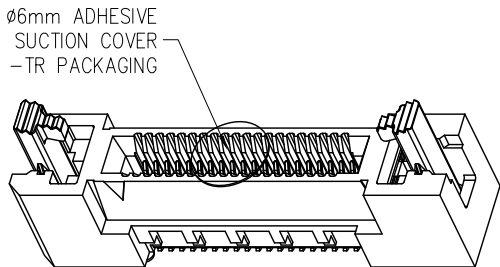
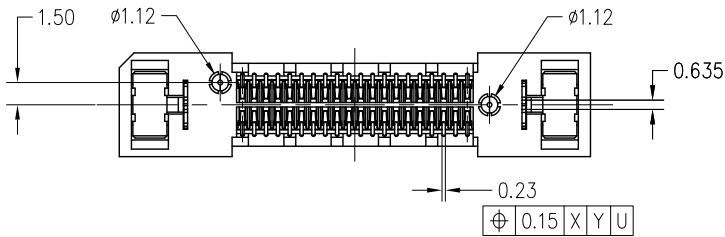
FIG. 3
FOR POSITIONS 020, 040, 060,
WITH LATCH TYPE
(SHOWN: SPD08-040-L-XX-TR)



RECOMMENDED MATING CARD LAYOUT



RECOMMENDED PCB LAYOUT

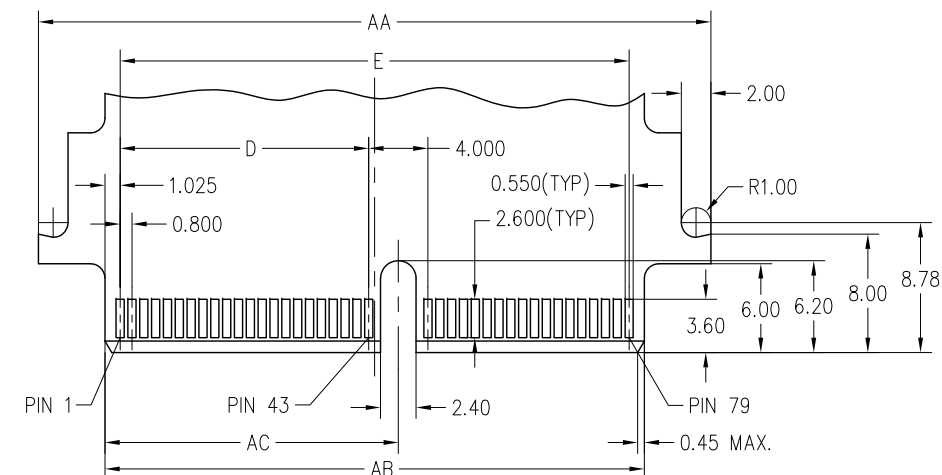
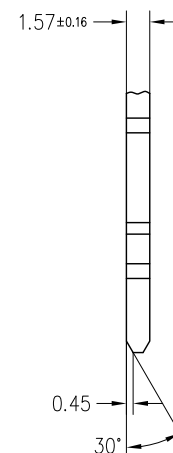
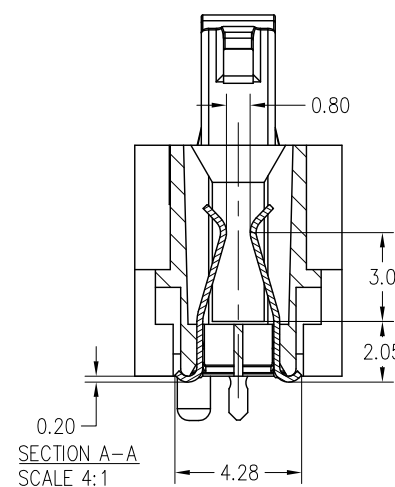
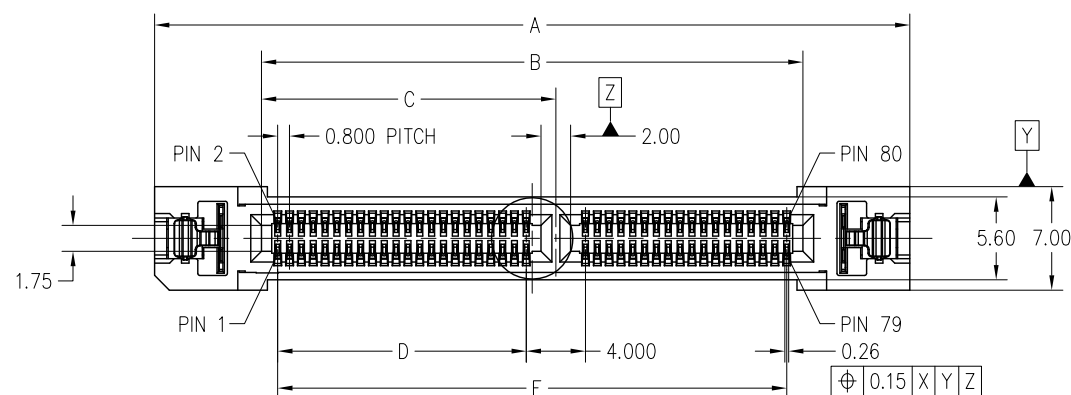


POSITIONS	DIMENSIONS						
	A	B	C	D	E	AA	AB
20	23.85	9.40	7.200	10.20	14.90	18.25	9.25
40	31.85	17.40	15.200	18.20	22.90	26.25	17.25
60	39.85	25.40	23.200	26.20	30.90	34.25	25.25

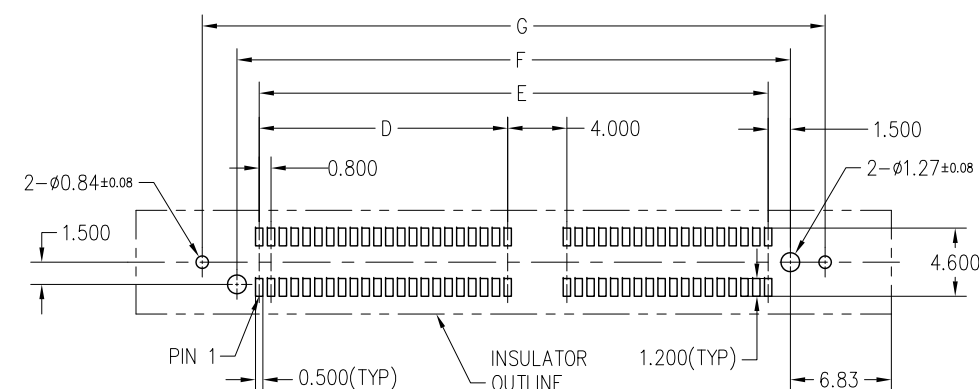
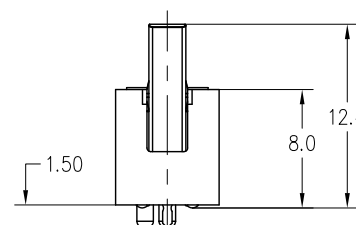
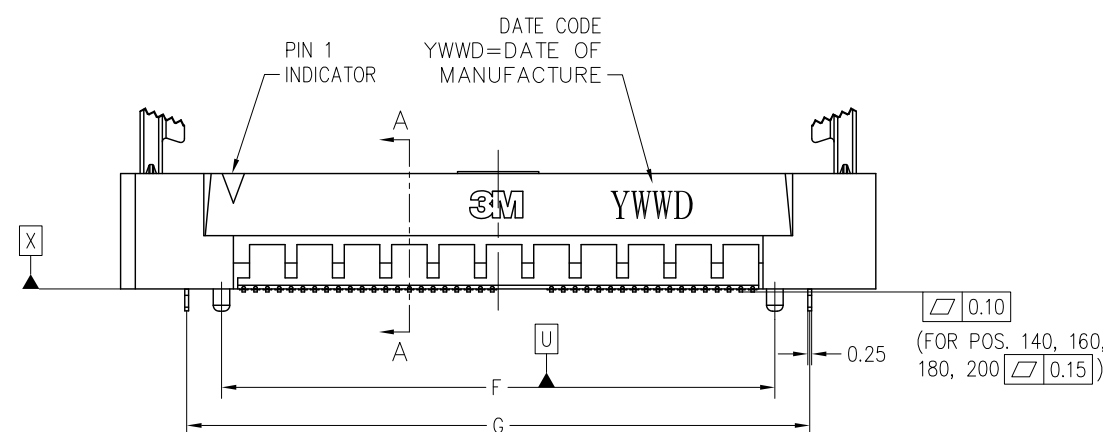
DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DISTRIBUTION CODES		DRFT	K.D. LIU	DATE	05/11/11	MFG	DATE
		CHKD		DATE		APPL	DATE
DIVISION	ESD	DIVISION CODE		© 3M COPYRIGHT			
DO NOT SCALE DRAWING	SCALE 2:1	TOLERANCES EXCEPT AS NOTED		This document is the copyrighted property of the 3M Company and may not be reproduced without 3M written permission or used for other than 3M authorized purposes.			
THIRD ANGLE PROJECTION		INCHES .0 ± .00 ± .000 ± .0000 ±		TITLE			
INTERPRET PER ASME Y14.5 - 1994		MILLIMETERS 0 ± 0.50 .0 ± 0.20 .00 ± 0.10 .000 ± 0.05		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.	REV. B
				78-5100-2420-7		SHT 3 OF 4	

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

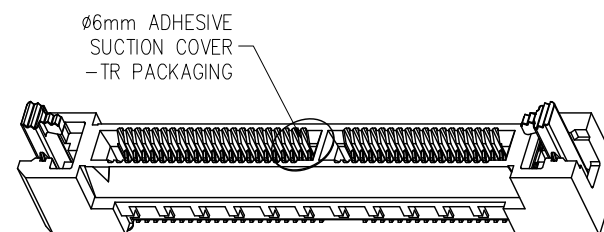
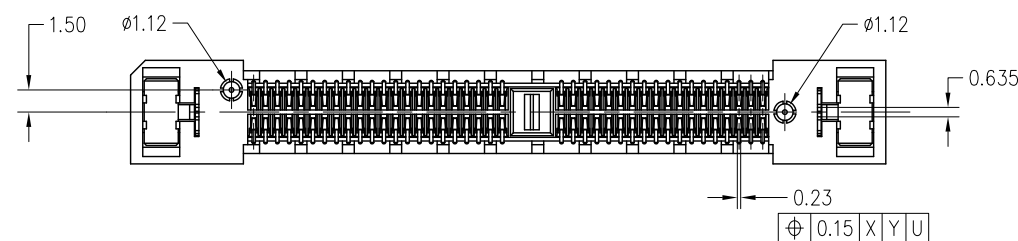
FIG. 4
FOR POSITIONS 050, 080, 100, 120,
140, 160, 180, 200, WITH LATCH TYPE
(SHOWN: SPD08-080-L-XX-TR)



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 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				
INTERPRET PER ASME Y14.5 - 1994	INCHES .0 ± .00 .000 ± .0000					
MAX SURFACE ROUGHNESS □ ALL SURFACES ✓ MARKED ONLY	MILLIMETERS 0 ± 0.50 .0 ± 0.20 .000 ± 0.10 .000 ± 0.05	CAGE NUMBER C	SIZE 78-5100-2420-7	DRAWING NO.	REV. B	MODEL
	ANGLES ± 3°	DET. LISTS □ YES □ NO SHT 4 OF 4				

AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com