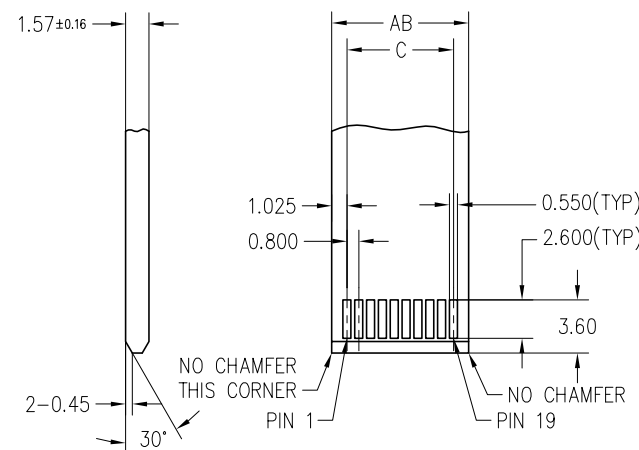
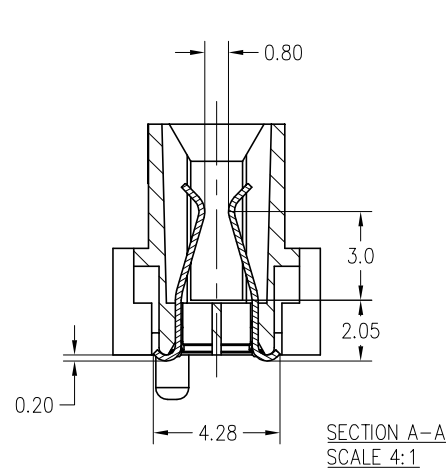
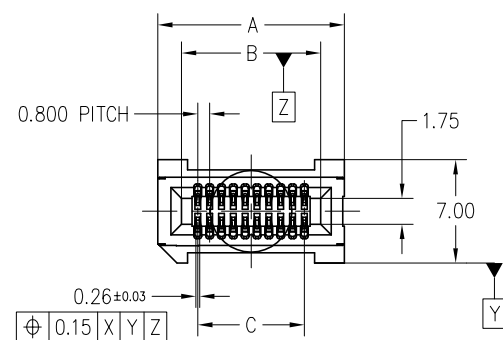
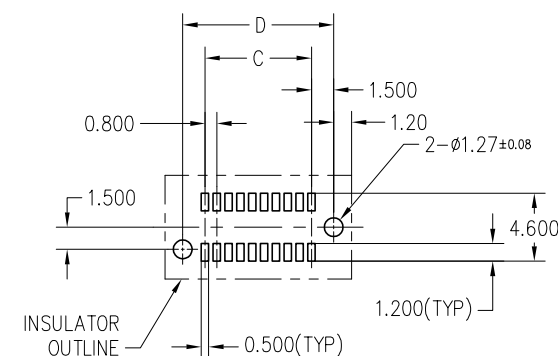
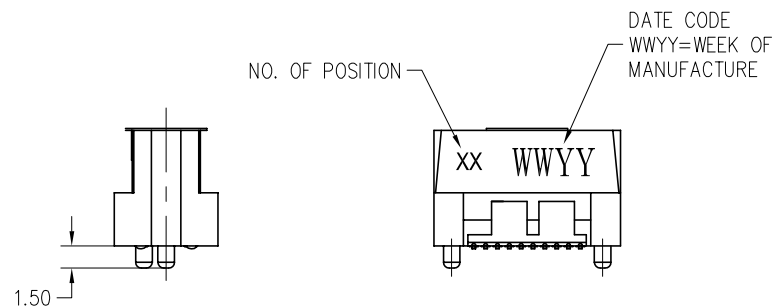
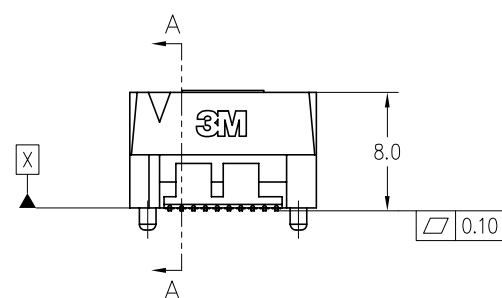


3M™ High-Speed Card-Edge CONNECTOR, SPD08

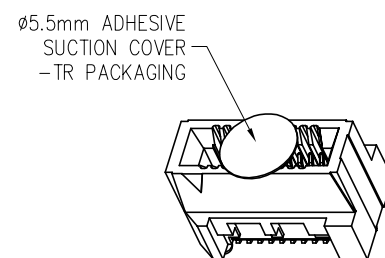
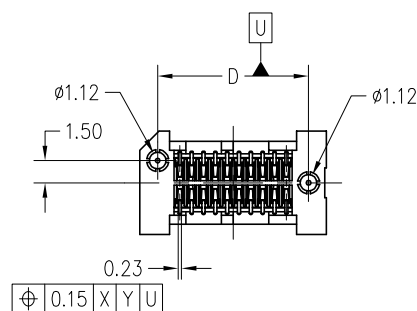
FIG. 1
FOR POSITIONS 020, 040, 060,
W/O LATCH OPTION
(SHOWN: SPD08-020-RB-TR)



RECOMMENDED MATING CARD LAYOUT



RECOMMENDED PCB LAYOUT



POS.	DIMENSIONS				
	A	B	C	D	AB
20*	12.60	9.40	7.200	10.20	9.25
40	20.60	17.40	15.200	18.20	17.25
60	28.60	25.40	23.200	26.20	25.25

* TOOLED SIZE

NOTES:

- MATERIAL:
HOUSING: GLASS FILLED LCP, BLACK, UL 94V-0.
LATCH: GLASS FILLED LCP, BEIGE, UL 94V-0.
SOLDER TAB: COPPER ALLOY.
CONTACT: COPPER ALLOY.
- FINISH:
GOLD PLATING ON CONTACT MATING AREA,
3~5um MATTE TIN ON SOLDER TAIL,
1.27um NICKEL UNDER PLATED.
- RATING:
CURRENT: 3.0A @ 30°C TEMPERATURE RISE.
VOLTAGE: 50V AC.
TEMPERATURE: -55 TO 125°C.
CONTACT RESISTANCE: 50mΩ MAX.
CHARACTERISTIC IMPEDANCE: 50Ω SINGLE-ENDED,
100Ω DIFFERENTIAL.
BANDWIDTH: 7.5GHz (RATED @ -3dB INSERTION LOSS,
30mm STACK HEIGHT)
- ROHS COMPLIANT.
- PART NUMBERING INFORMATION:

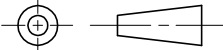
SPD08-XXX-X-XX-XX

NO OF POSITIONS
020, 040, 060 (SEE FIG. 1, 3)
064, 080, 100, 120, 140,
160, 180, 200 (SEE FIG. 2, 4)

PACKAGING OPTION
BLANK= TRAY
TR= TAPE & REEL

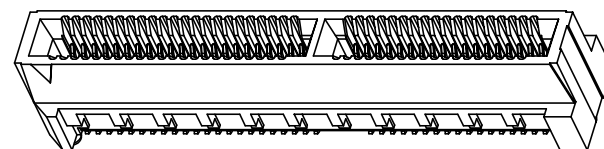
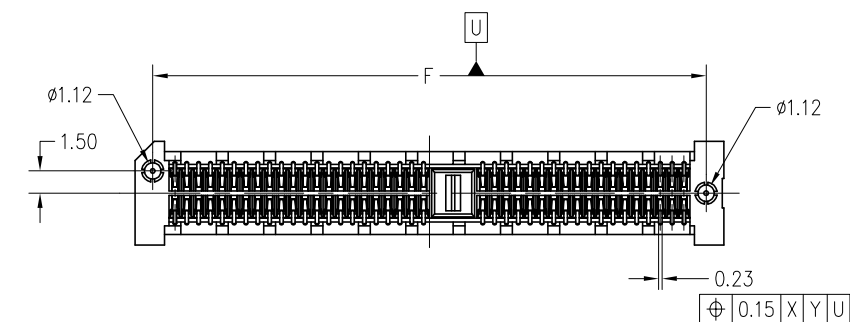
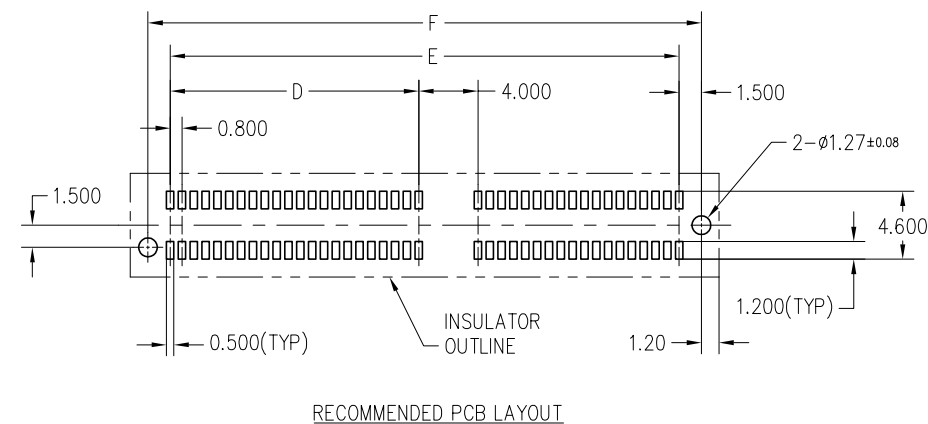
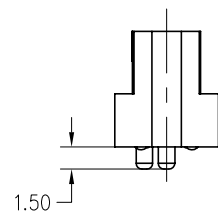
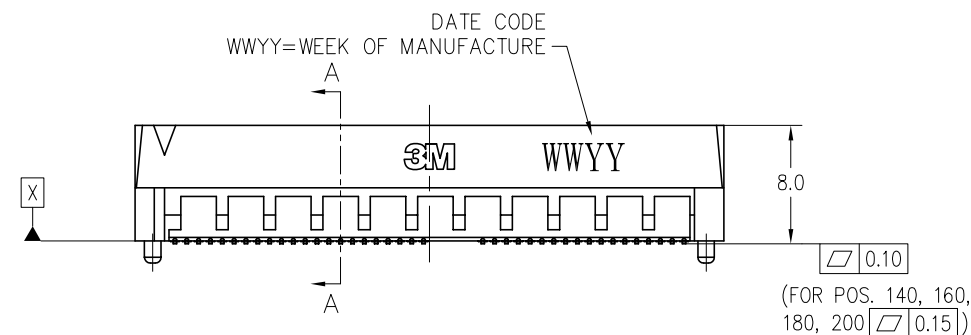
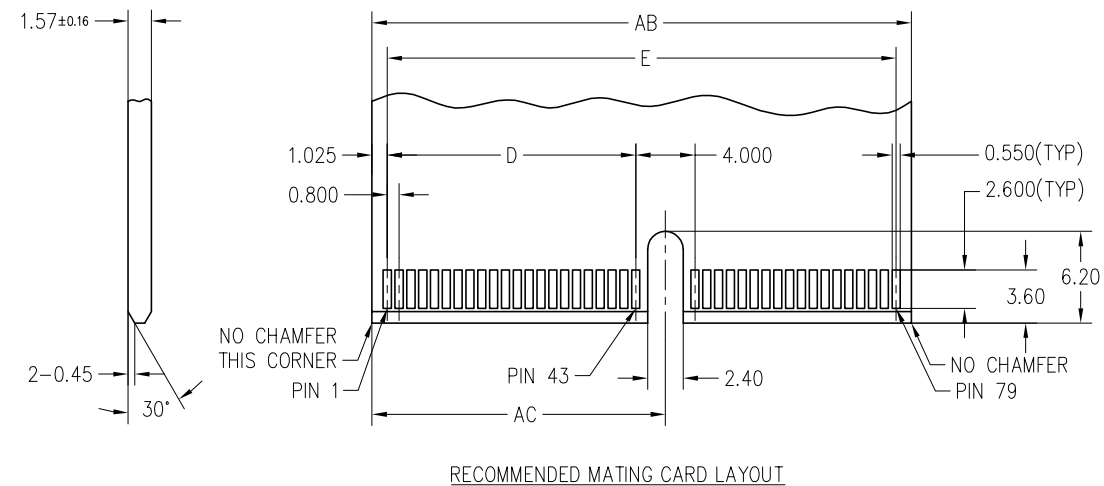
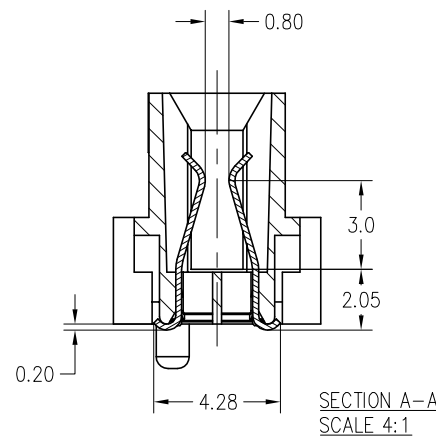
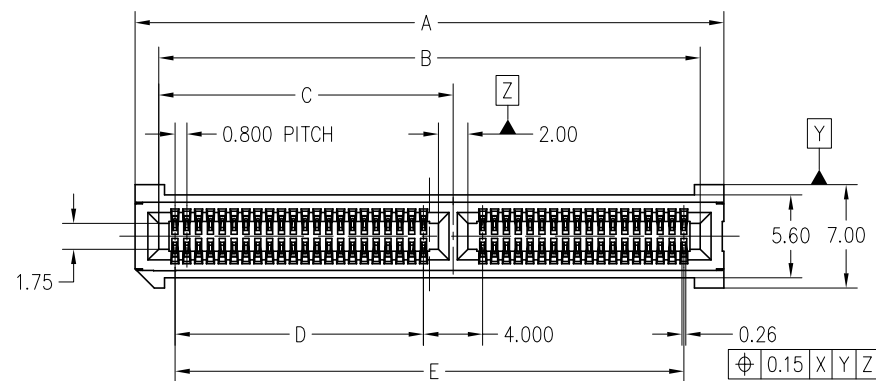
PLATING OPTION
RB= 0.76um GOLD
RA= 0.25um GOLD

LATCHING OPTION
BLANK= W/O LATCH (SEE FIG. 1, 2)
L = WITH LATCH (SEE FIG. 3, 4)

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 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						TITLE SPD08 HIGH SPEED CARD EDGE CONNECTOR, 0.8MM PITCH SMT											
						.0 ±																	
						.00 ±																	
INTERPRET PER ASME Y14.5 – 1994						MILLIMETERS						CAGE NUMBER SIZE C DRAWING NO. 78-5100-2420-7 REV. A											
						0 ± 0.50																	
						.0 ± 0.20																	
MAX SURFACE ROUGHNESS ☐ ALL SURFACES ☒ MARKED ONLY						.00 ± 0.10						DET. LISTS ☐ YES ☐ NO SHT 1 OF 4											
						.000 ± 0.05																	
						ANGLES ± 3°																	

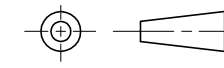
3M™ High-Speed Card-Edge CONNECTOR, SPD08

FIG. 2
FOR POSITIONS 064, 080, 100, 120,
140, 160, 180, 200, W/O LATCH OPTION
(SHOWN: SPD08-080-RB)



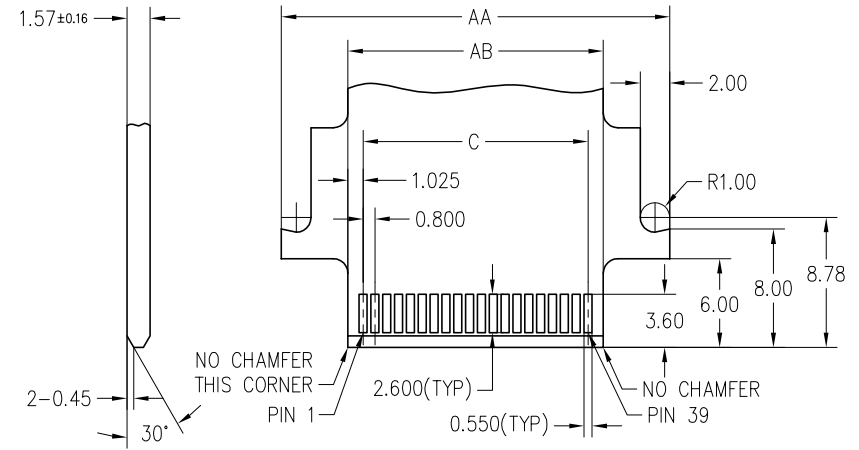
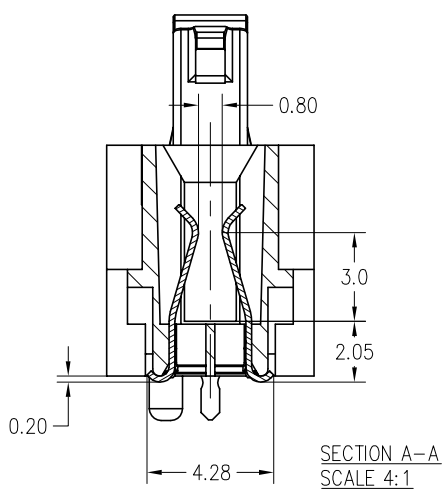
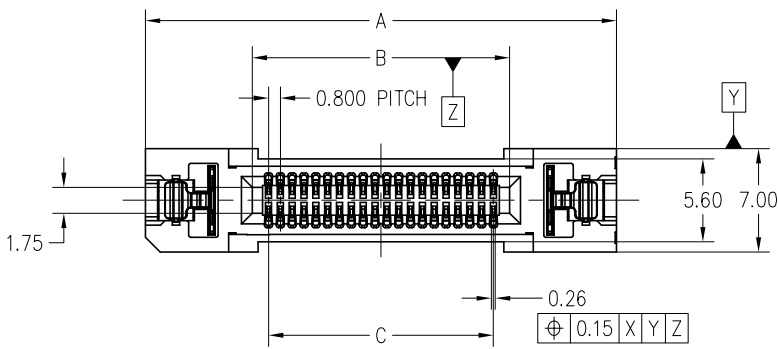
POS.	DIMENSIONS							
	A	B	C	D	E	F	AB	AC
64	33.40	30.20	16.70	13.600	28.000	31.00	30.05	16.625
80*	39.80	36.60	19.90	16.800	34.400	37.40	36.45	19.825
100	47.80	44.60	23.90	20.800	42.400	45.40	44.45	23.825
120	55.80	52.60	27.90	24.800	50.400	53.40	52.45	27.825
140	63.80	60.60	27.90	24.800	58.400	61.40	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

* TOOLED SIZE

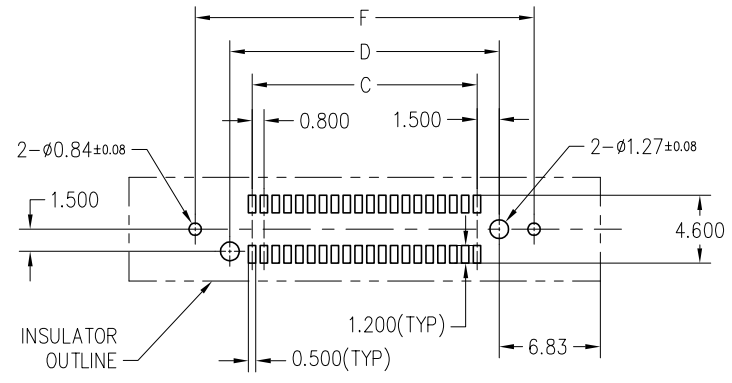
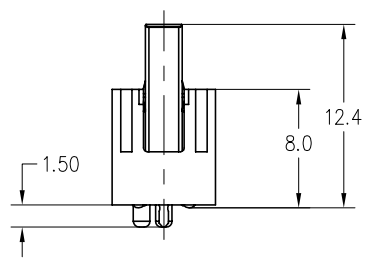
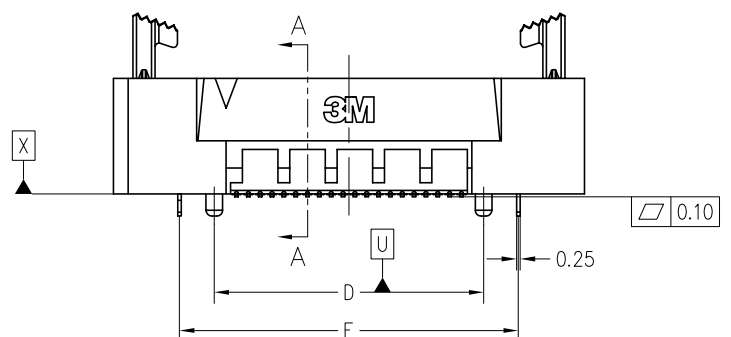
DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
DISTRIBUTION CODES		DRFT	K.D. LIU	DATE 05/11/11	MFG	DATE
		CHKD		DATE	APPL	DATE
DIVISION ESD	DIVISION CODE	 3M Center St. Paul, MN 55144 © 3M COPYRIGHT This document is the copyrighted property of the 3M Company and may not be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

3M™ High-Speed Card-Edge CONNECTOR, SPD08

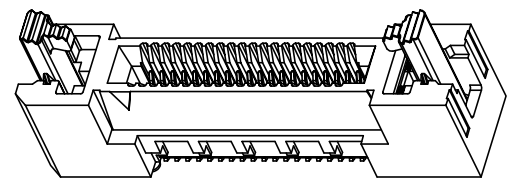
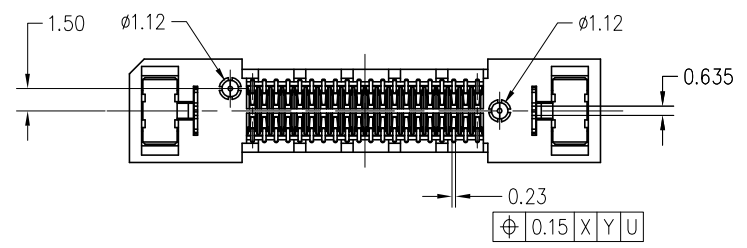
FIG. 3
FOR POSITIONS 020, 040, 060,
WITH LATCH OPTION
(SHOWN: SPD08-040-L-RB)



RECOMMENDED MATING CARD LAYOUT



RECOMMENDED PCB LAYOUT



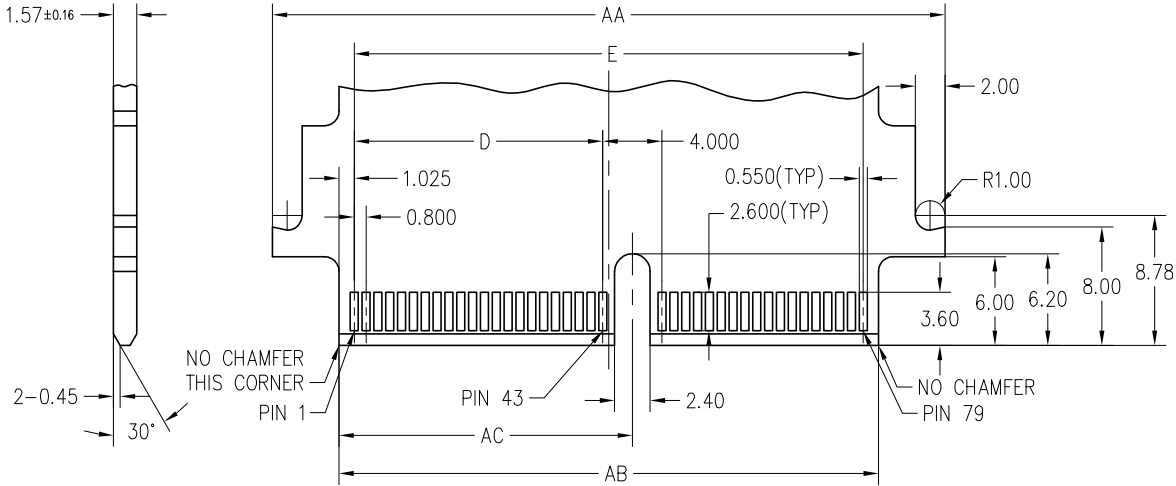
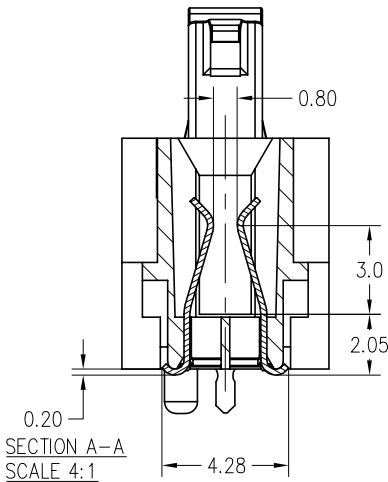
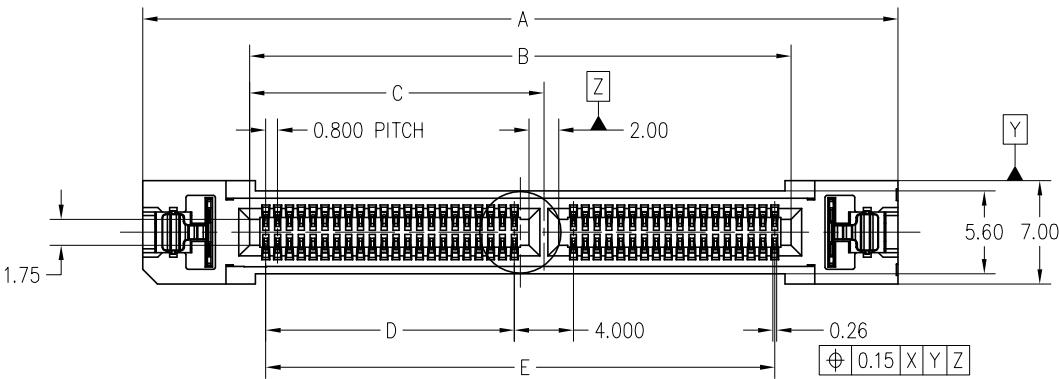
POS.	DIMENSIONS						
	A	B	C	D	E	AA	AB
20	23.85	9.40	7.200	10.20	12.90	18.25	9.25
40	31.85	17.40	15.200	18.20	20.90	26.25	17.25
60	39.85	25.40	23.200	26.20	28.90	34.25	25.25

* TOOLED SIZE

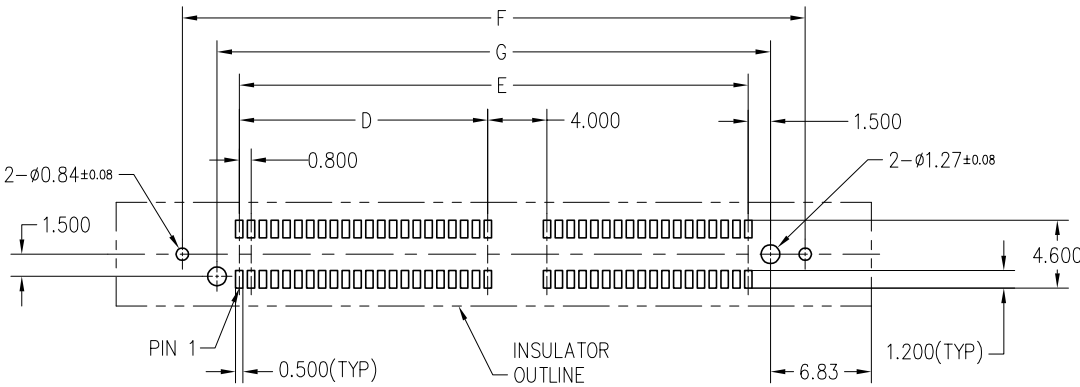
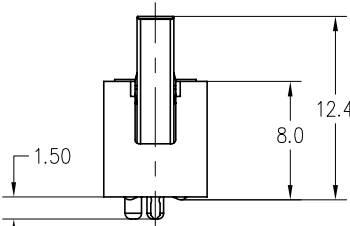
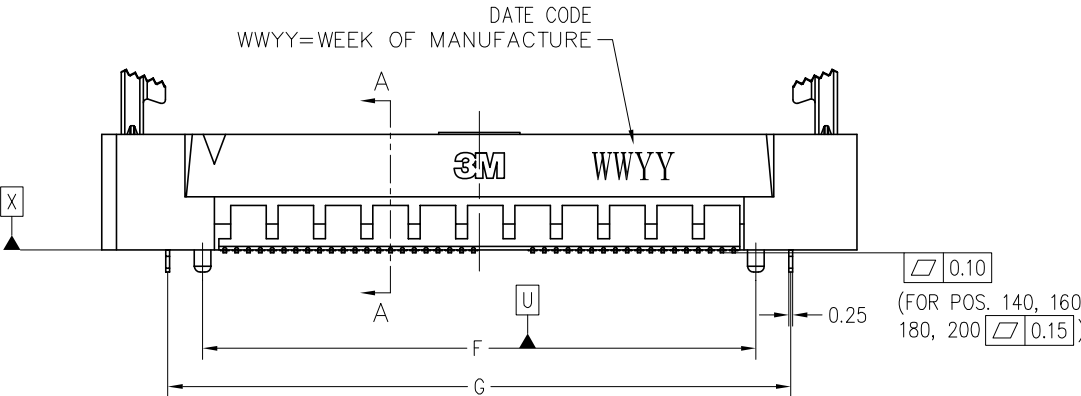
DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DISTRIBUTION CODES		DRFT	K.D. LIU	DATE	05/11/11	MFG	DATE
		CHKD		DATE		APPVL	DATE
DIVISION	ESD	DIVISION CODE		© 3M COPYRIGHT			
DO NOT SCALE DRAWING	SCALE 2:1	TOLERANCES EXCEPT AS NOTED		This document is the copyrighted property 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		.0 ±		SPD08 HIGH SPEED CARD EDGE CONNECTOR, 0.8MM PITCH SMT			
MAX SURFACE ROUGHNESS		.00 ±					
✓ ALL SURFACES		.000 ±					
✓ MARKED ONLY		.0000 ±					
		MILLIMETERS		CAGE NUMBER			
		0 ± 0.50		SIZE		DRAWING NO.	
		.0 ± 0.20		C		78-5100-2420-7	
		.00 ± 0.10		MODEL		REV. A	
		.000 ± 0.05					
		ANGLES ± 3°				DET. LISTS	
						YES NO	
						SHT 3 OF 4	

3M™ High-Speed Card-Edge CONNECTOR, SPD08

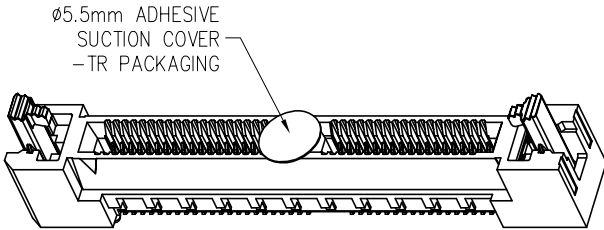
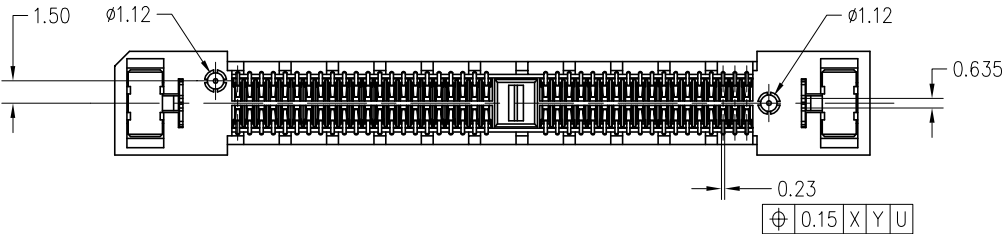
FIG. 4
FOR POSITIONS 064, 080, 100, 120,
140, 160, 180, 200, WITH LATCH OPTION
(SHOWN: SPD08-080-L-RB-TR)



RECOMMENDED MATING CARD LAYOUT



RECOMMENDED PCB LAYOUT



POS.	DIMENSIONS									
	A	B	C	D	E	F	G	AA	AB	AC
64	44.65	30.20	16.70	13.600	28.000	31.00	35.70	39.05	30.05	16.625
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

* TOOLED SIZE

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 .00 ± 0.10 .000 ± 0.05	CAGE NUMBER	SIZE C	DRAWING NO.	REV. A	
	ANGLES ± 3°	MODEL		DET. LISTS	□ YES □ NO	SHT 4 OF 4

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- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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Факс: 8 (812) 320-03-32

Электронная почта: ocean@oceanchips.ru

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