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VISION:

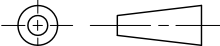
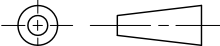


VISION:

- NUMBER

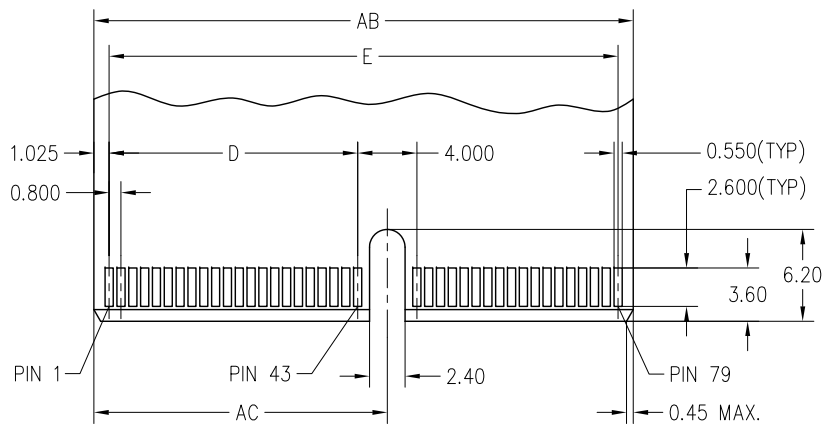
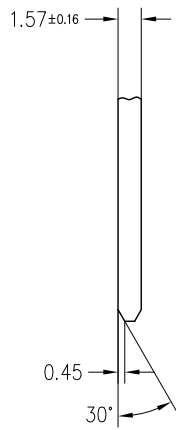
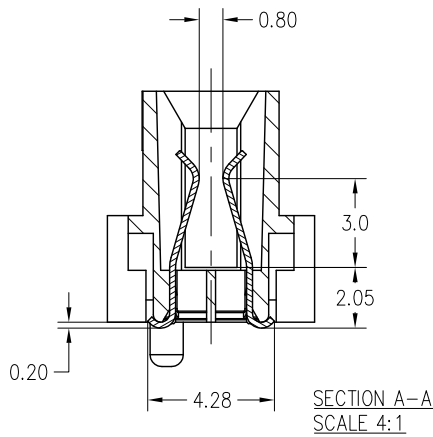
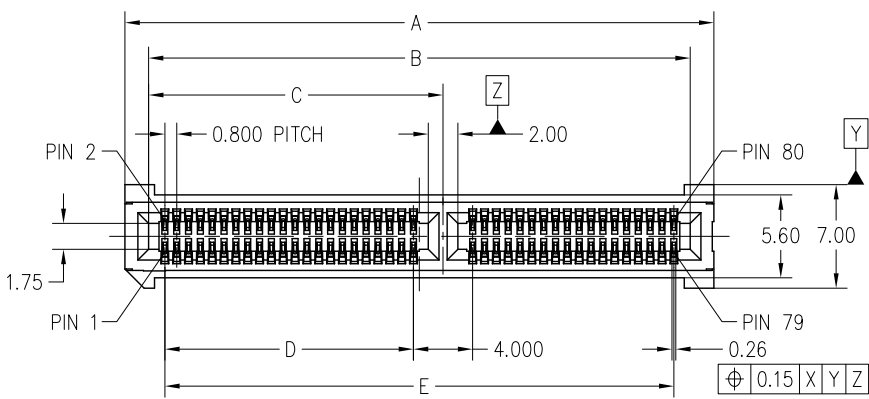
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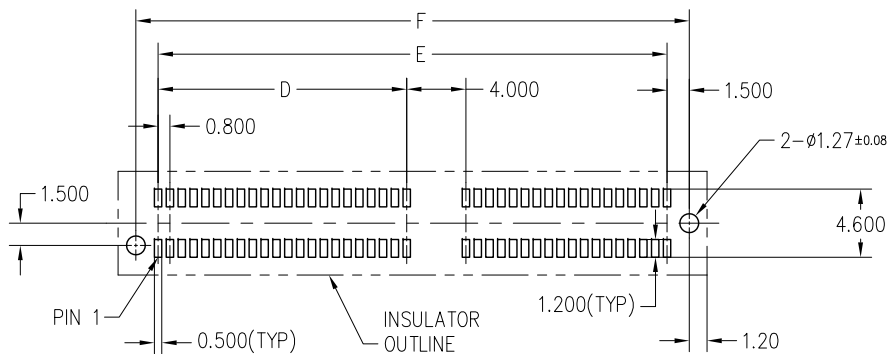
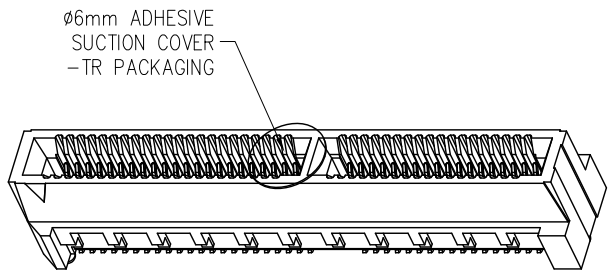
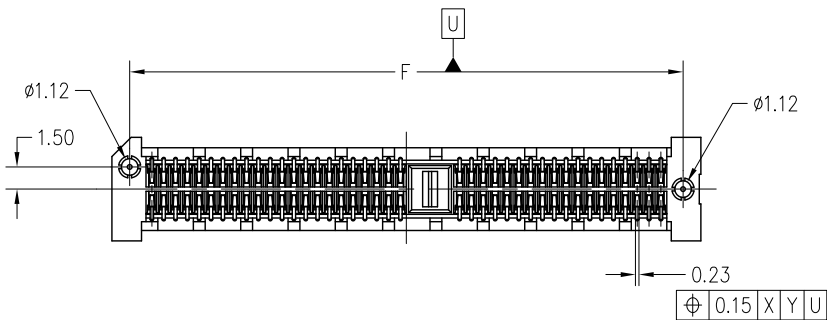
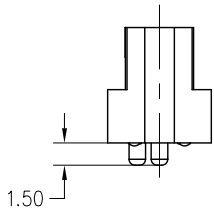
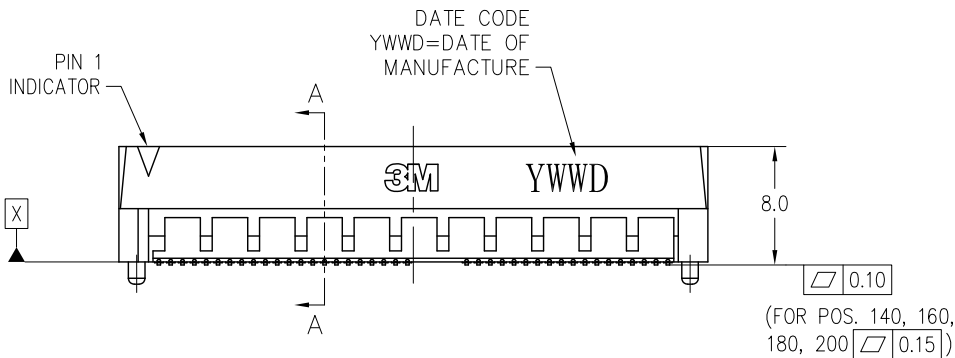
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DISTRIBUTION CODES								DRFT		K.D. LIU		DATE		05/11/11		MFG		DATE	
								CHKD				DATE		APPVL		DATE			
DIVISION ESD				DIVISION CODE						3M Center St. Paul, MN 55144		© 3M COPYRIGHT This document is the copyrighted property of the 3M Company and 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															
								~~INCHES .0 ± .00 ± .000 ± .0000 ±~~		TITLE SPD08 HIGH SPEED CARD EDGE CONNECTOR, 0.8MM PITCH SMT									
THIRD ANGLE PROJECTION																			
INTERPRET PER ASME Y14.5 - 1994				MILLIMETERS 0 ± 0.50 .0 ± 0.20 .00 ± 0.10 .000 ± 0.05				CAGE NUMBER		SIZE C		DRAWING NO. 78-5100-2420-7						REV. B	
MAX SURFACE ROUGHNESS ☐ ALL SURFACES ☒ MARKED ONLY				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)



RECOMMENDED MATING CARD LAYOUT



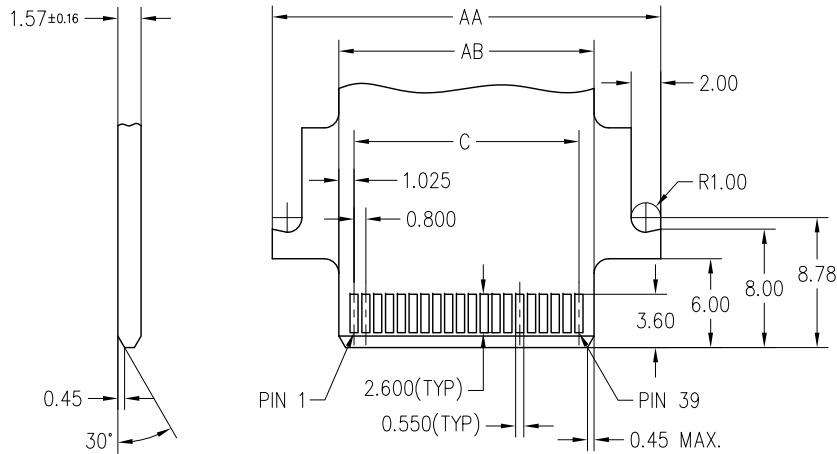
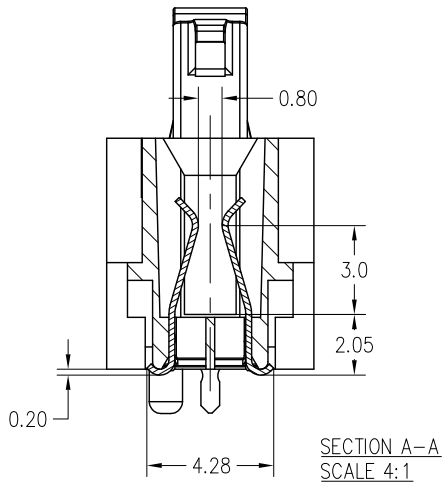
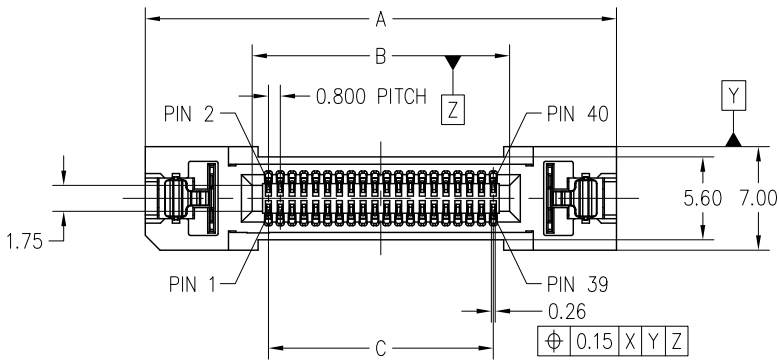
RECOMMENDED PCB LAYOUT

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

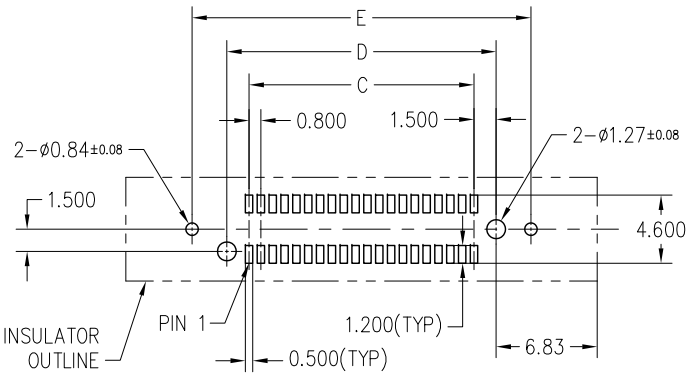
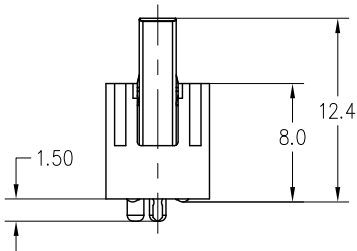
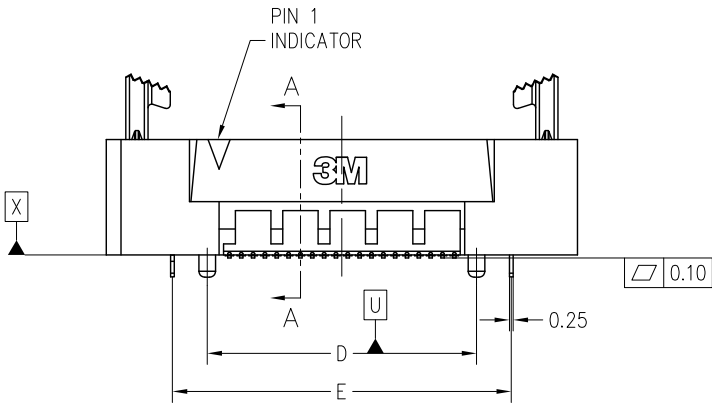
DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DISTRIBUTION CODES		DRFT	K.D. LIU	DATE	05/11/11	MFG	DATE
		CHKD		DATE		APPL	DATE
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THIRD ANGLE PROJECTION		INCHES		TITLE			
INTERPRET PER ASME Y14.5 - 1994		MILLIMETERS		SPD08 HIGH SPEED CARD EDGE CONNECTOR, 0.8MM PITCH SMT			
MAX SURFACE ROUGHNESS		ANGLES ± 3°		CAGE NUMBER		SIZE	DRAWING NO.
☐ ALL SURFACES				78-5100-2420-7		REV.	B
☐ MARKED ONLY				MODEL		DET. LISTS ☐ YES ☐ NO SHT 2 OF 4	

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

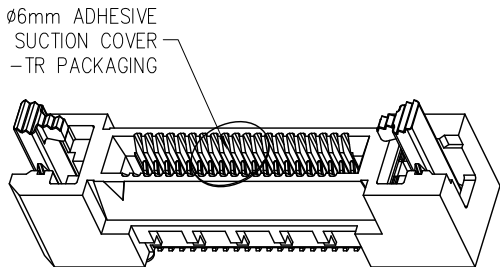
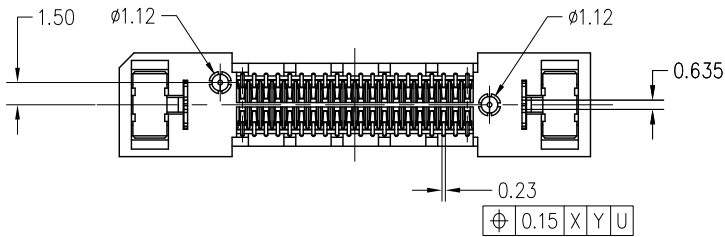
FIG. 3
FOR POSITIONS 020, 040, 060,
WITH LATCH TYPE
(SHOWN: SPD08-040-L-XX-TR)



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			

