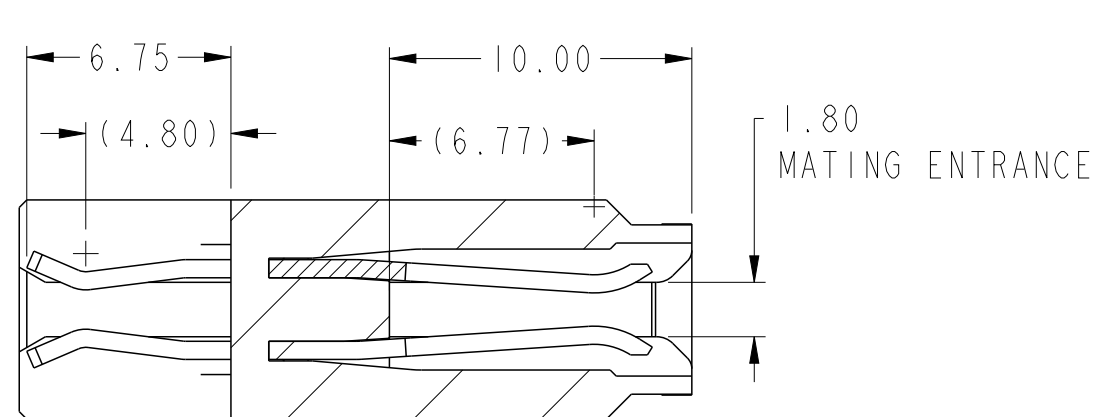
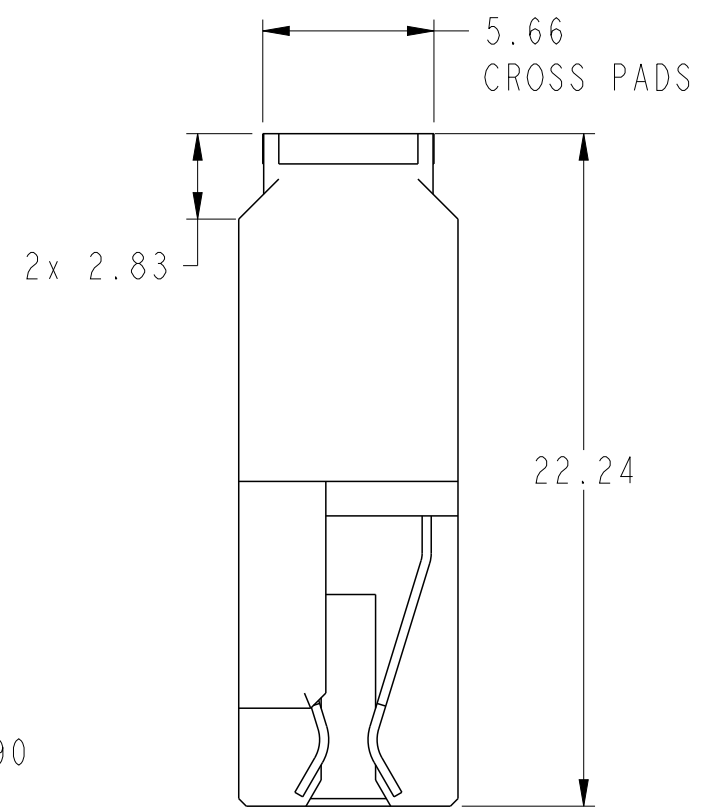
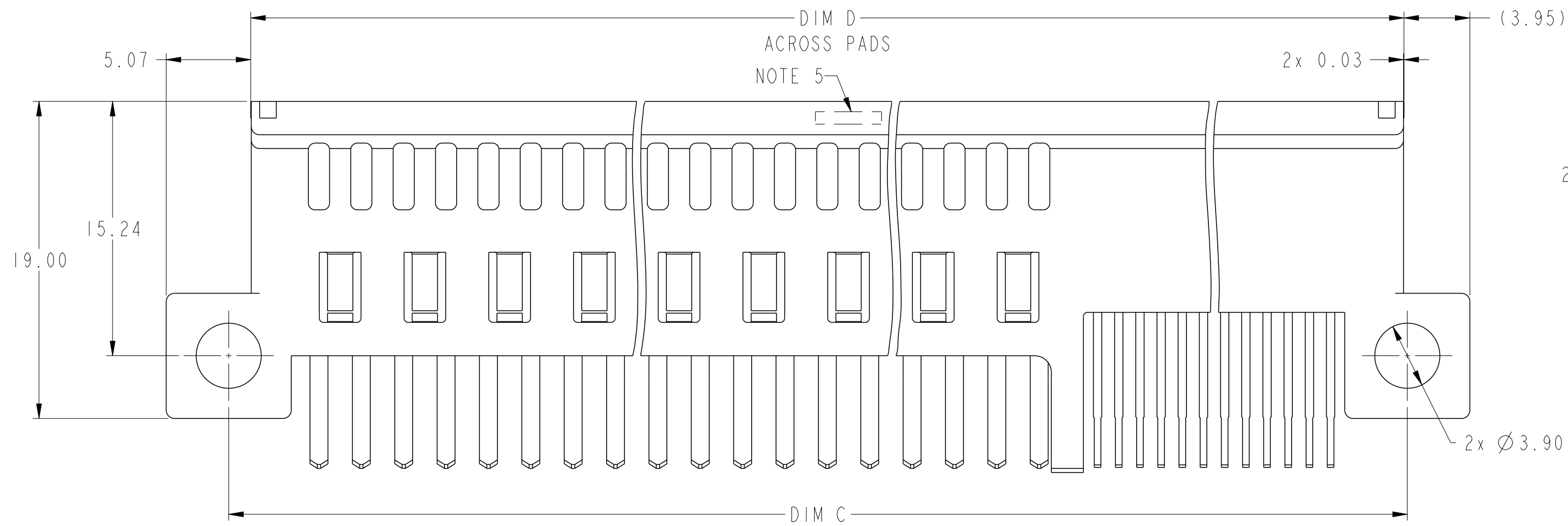
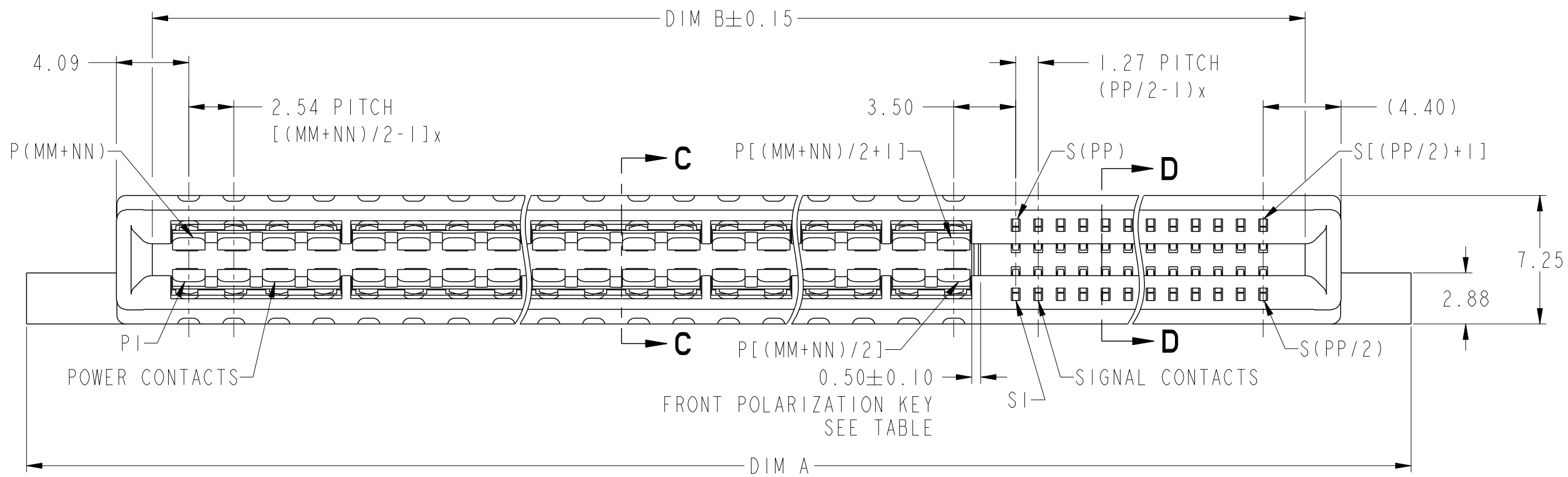
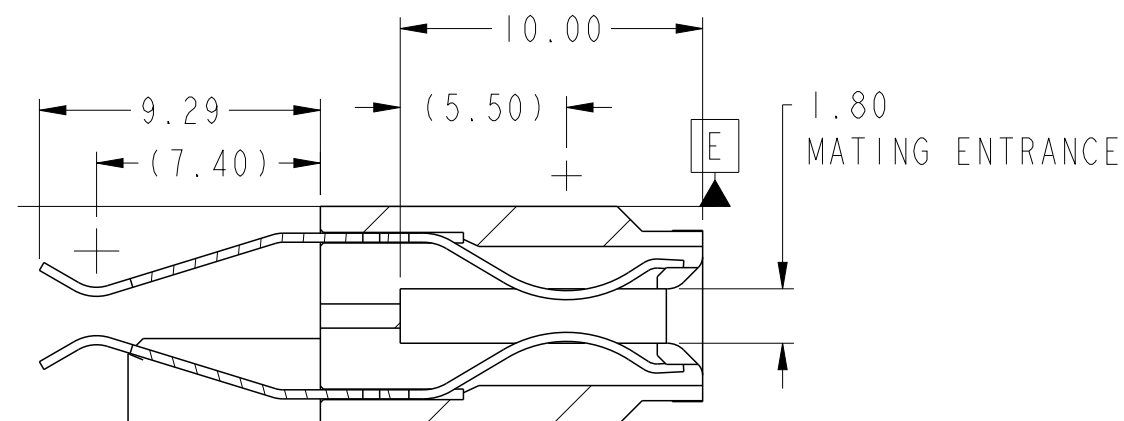


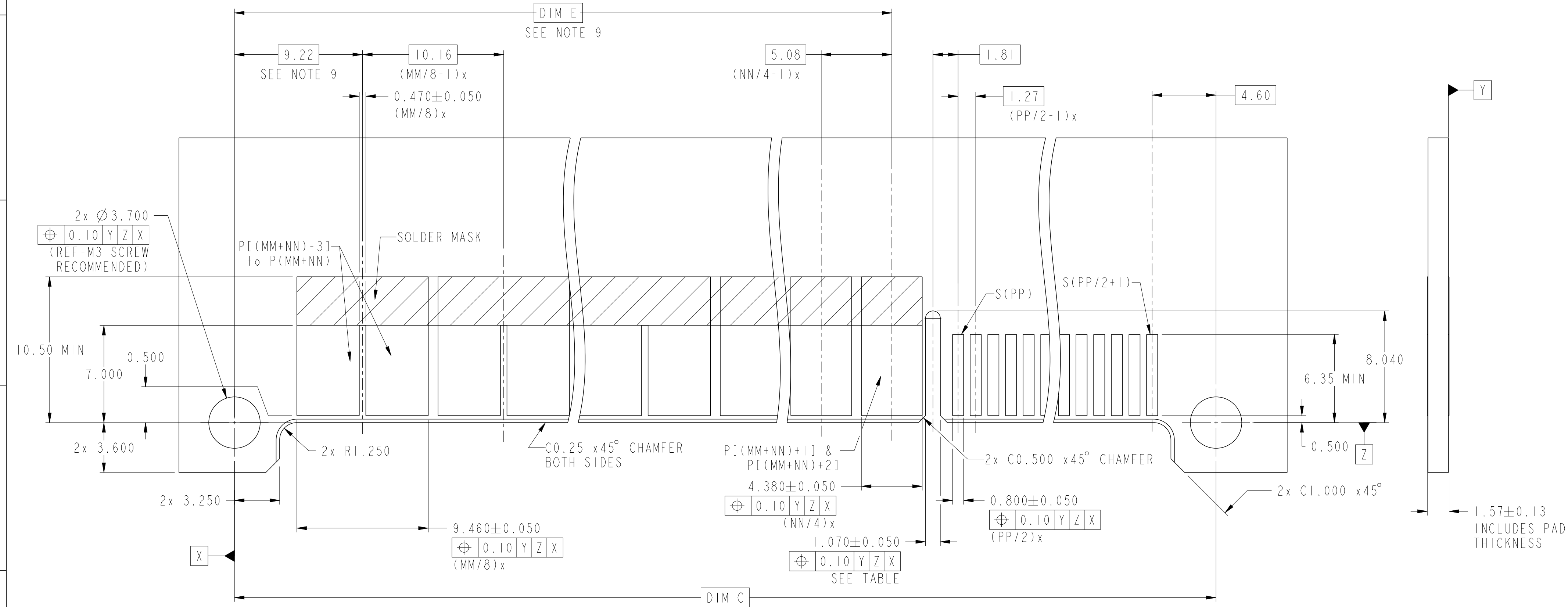


SECTION C-C

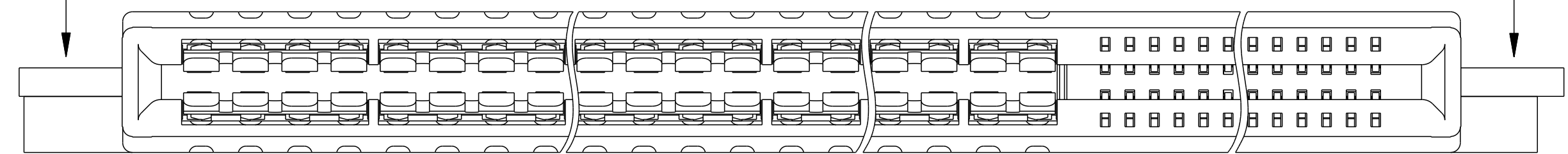


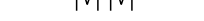
SECTION D-D

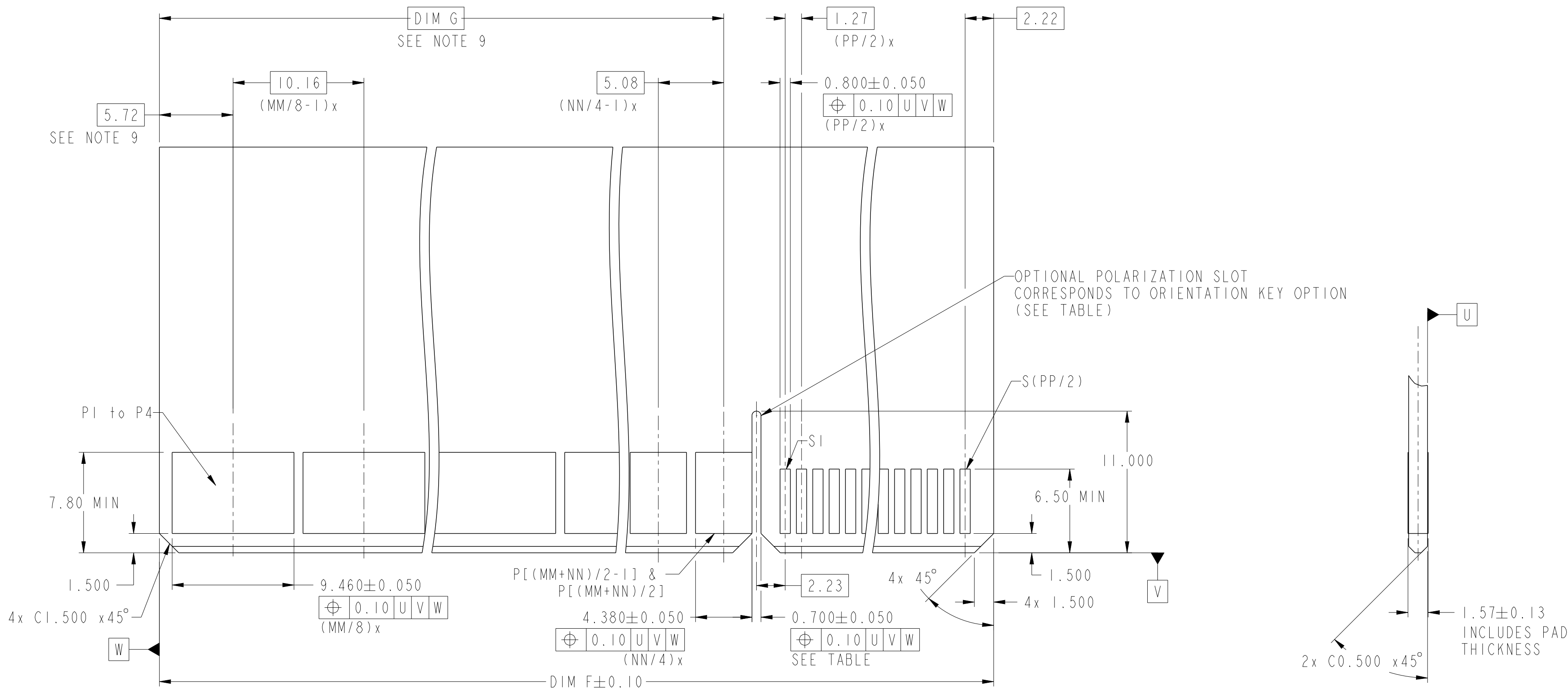
spec ref		-		dr		Wei-Long Zhang		2012/08/02		projection				MM		size		A2		scale		4:1	
tolerance std		-		eng		Sunny2 Liu		2016/05/09						ecn no		ELX-DG-24036-1		rel level		Released			
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Terris Liu		2016/05/20															
				appr		Pei-Ming Zheng		2016/05/24															
										product family		CARD EDGE											
surface		✓		linear		0.X		±0.5		Amphenol FCi		title		SMT WITH ENHANCED WALLS		dwg no		10122238		rev		B	
				0.XX		±0.25																	
				0.XXX		±0.10																	
ASME Y14.5				angular		0°		±2°				cat. no.		-		Product - Customer Drw				sheet 1 of 4			



RECOMMENDED HOST BOARD LAYOUT AS VIEWED



spec ref		-		dr		Wei-Long Zhang		2012/08/02		projection		MM		size		A2		scale		4:1			
tolerance std		-		eng		Sunny2 Liu		2016/05/09						ecn no		ELX-DG-24036-1							
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Terris Liu		2016/05/20						rel level		Released							
				appr		Pei-Ming Zheng		2016/05/24						product family		-							
surface		-		linear		0.X		±0.5		Amphenol FCI		title		SMT WITH ENHANCED WALLS		dwg no		10122238		rev		B	
				0.XX		±0.25																	
				0.XXX		±0.10																	
ASME Y14.5				angular		0°		±2°				cat. no.		-		Product - Customer Drw				sheet 2 of 4			



RECOMMENDED MATING BOARD FOOTPRINT

spec ref		-		dr		Wei-Long Zhang		2012/08/02		projection				MM		size		A2		scale		4:1					
tolerance std		-		eng		Sunny2 Liu		2016/05/09						ecn no		ELX-DG-24036-1		rel level		Released							
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Terris Liu		2016/05/20																			
				appr		Pei-Ming Zheng		2016/05/24																			
										product family		-															
surface		-		linear		Amphenol FCi		title		SMT WITH ENHANCED WALLS		dwg no		10122238		rev		B									
ASME Y14.5		angular		0°				±2°												cat. no.		-		Product - Customer Drw		sheet 3 of 4	

A

B

C

D

E

F

A

B

C

D

E

F

10122238

MM

NN

PP

LF

LEAD FREE

	A	B	C	D	E	F	G	H
MOUNTING EARS	Y	Y	Y	N	N	N	Y	N
POLARIZATION KEY	Y	N	N	Y	N	N	Y	Y
REAR GUIDE	Y	Y	N	Y	Y	N	N	N

QUAD PWR BEAM QTY
(NEXT TO LEFT END)

DUAL PWR BEAM QTY
(NEXT TO SIGNAL)

SIGNAL CONTACT QTY

Example: The configuration above is 10122238-241224ALF
STRADDLE MT WITH ENHANCED WALLS 36P24S with MOUNTING EARS,
POLARIZATION KEY and ALIGNMENT KEY.
24P is 4 beam contacts, 12P is 2 beam contacts.

TABLE: PART NUMBER CODE FOR HPCE MT WITH ENHANCED WALLS P+S CONFIG

NOTES:

1. CONNECTOR MATERIALS:

HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK
UL 94V-0 COMPLIANT
CONTACTS: HIGH PERFORMANCE COPPER ALLOY.

2. CONTACT FINISH REF. GS-12-604 SECTION 5.2.

3. PRODUCT SPECIFICATION: GS-12-604.

4. APPLICATION SPECIFICATION: GS-20-128.

5. PRODUCT MARKING ON HOUSING IN AREA SHOWN MEETS AFCI SPECIFICATION: GS-24-007.

6. PACKAGING MEETS FCI SPECIFICATION GS-14-937.

7. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.

8. MAXIMUM OVERALL LENGTH IS 100mm.

9. DIM IS NOT APPLICABLE IF NO 4 BEAM CONTACT OR 2 BEAM CONTACT.

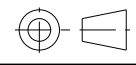
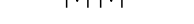
10. A SYMBOL  WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

POLARIZATION KEY

MOUNTING EARS

REAR GUIDE

DIM	TABLE 2. LENGTH FORMULAS
DIM A 	$(MM + NN) / 2 \times 2.54 + (PP / 2) \times 1.27 + 17.2$
DIM B	DIM A - 13.08
DIM C	DIM A - 7.5
DIM D	DIM A - 9.02
DIM E 	$(MM / 8 - 1) \times 10.16 + (NN / 4 - 1) \times 5.08 + 16.84$ (WITH 4 BEAM CONTACT) $(NN / 4 - 1) \times 5.08 + 6.68$ (WITHOUT 4 BEAM CONTACT)
DIM F	DIM A - 13.38
DIM G 	$(MM / 8 - 1) \times 10.16 + (NN/4 - 1) \times 5.08 + 13.34$ (WITH 4 BEAM CONTACT) $(NN / 4 - 1) \times 5.08 + 3.18$ (WITHOUT 4 BEAM CONTACT)

spec ref		-		dr		Wei-Long Zhang		2012/08/02		projection		MM		size		A2		scale		4:1			
tolerance std		-		eng		Sunny2 Liu		2016/05/09						ecn no		ELX-DG-24036-1							
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Terris Liu		2016/05/20						rel level		Released							
				appr		Pei-Ming Zheng		2016/05/24		product family		CARD EDGE											
surface		✓		linear		0.X		±0.5		Amphenol FCI		title		SMT WITH ENHANCED WALLS		dwg no		10122238		rev		B	
				0.XX		±0.25																	
				0.XXX		±0.10																	
ASME Y14.5				angular		0°		±2°		cat. no.		-		Product - Customer Drw				sheet 4 of 4					