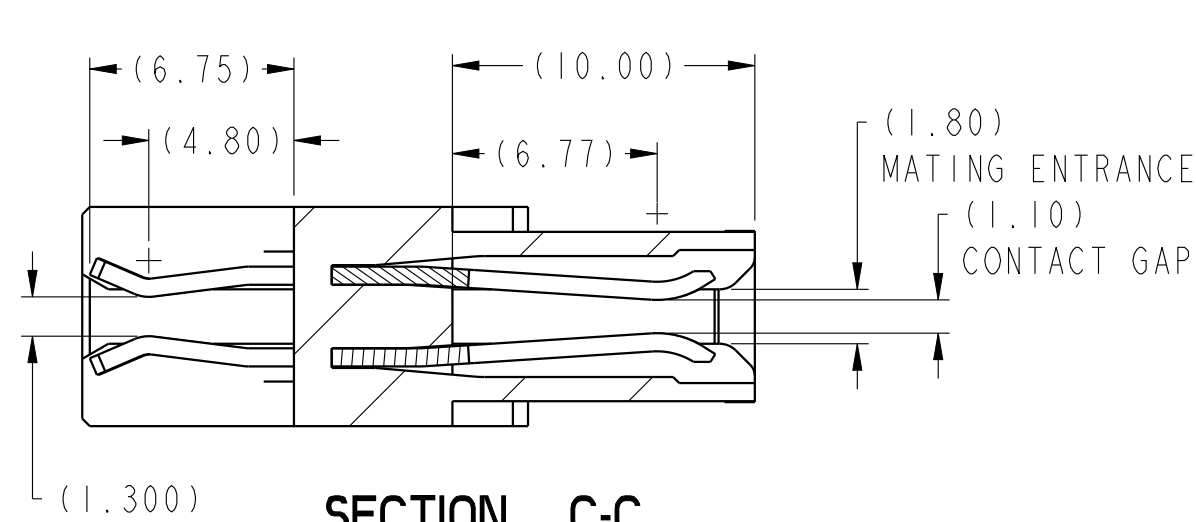
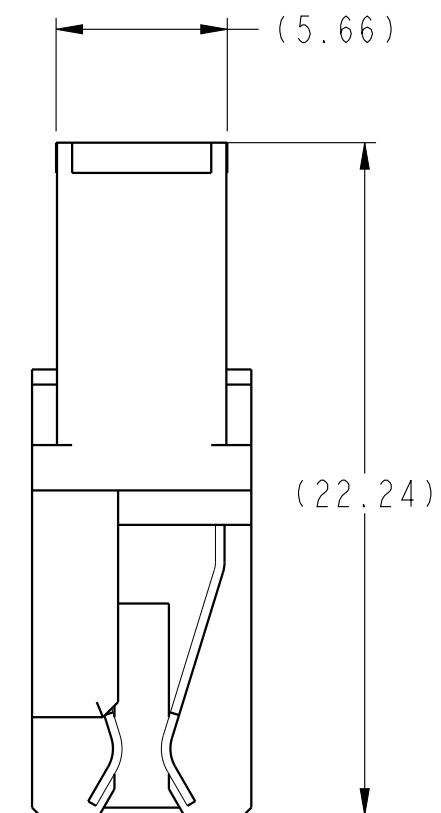
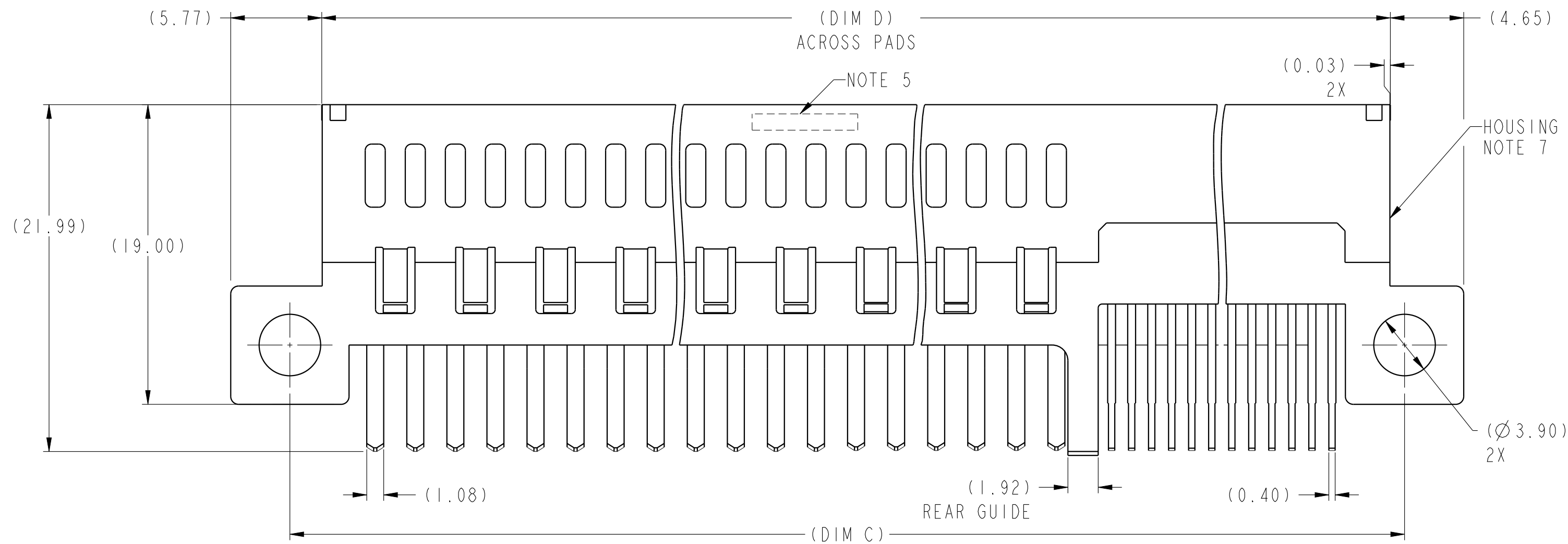
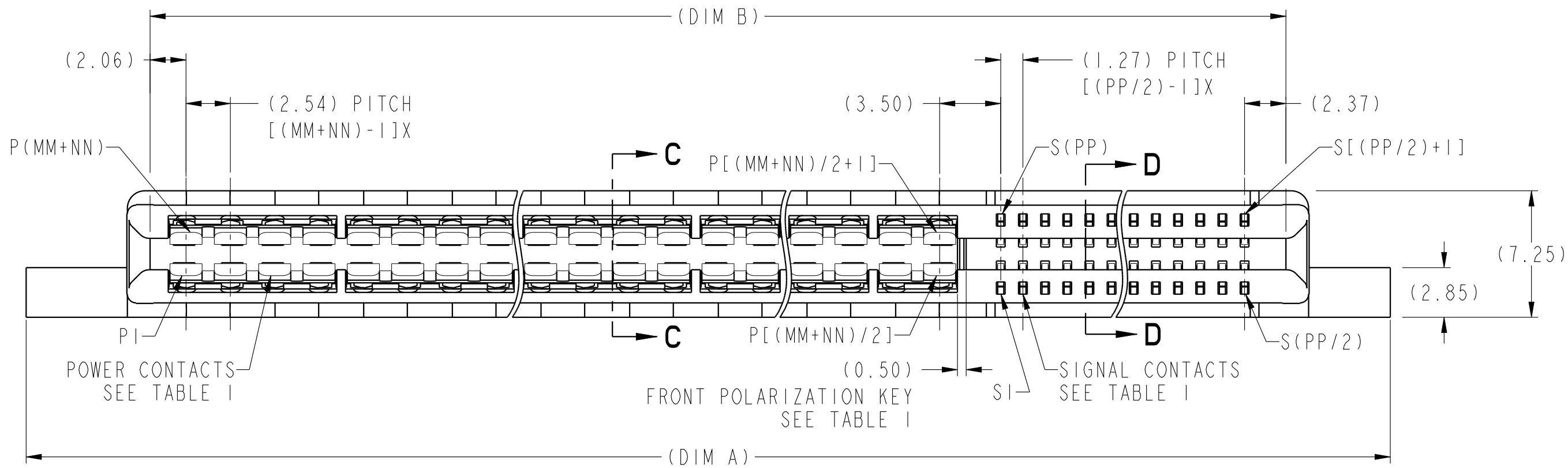
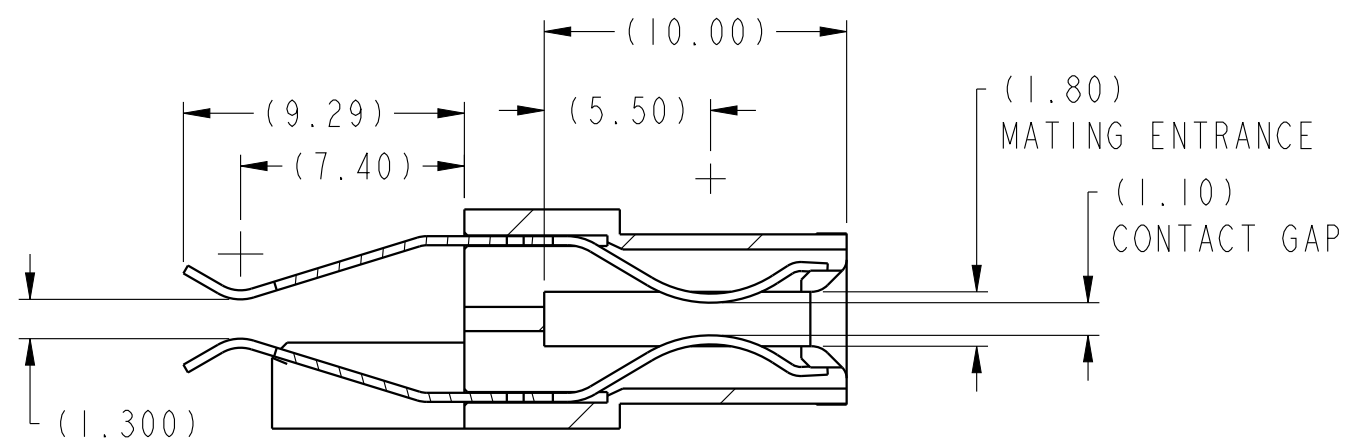


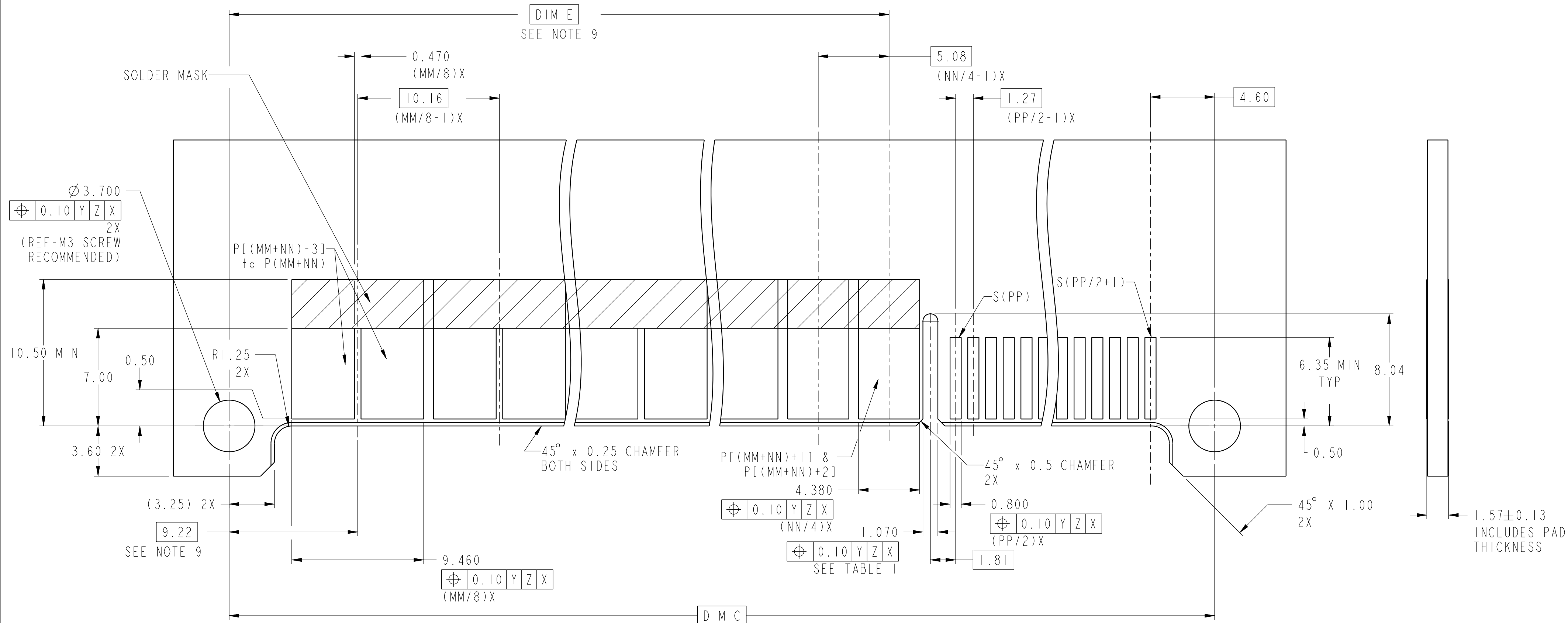


SECTION C-C

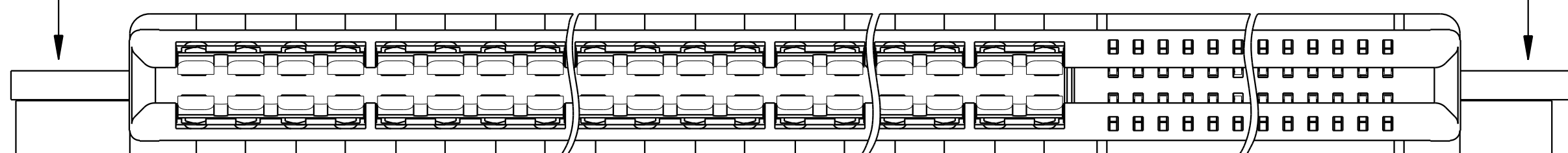


SECTION D-D

spec ref		-	dr		Wei-Long Zhang		2012/08/09		Amphenol Power Solutions			MM		scale	size			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED	eng		Ada Ye		2021/08/30					4:1		A2				
ISO 406			r vwr		-		-					ec n no		ELX-DG-42143-1				
ISO 1101			appr		Zheng, Pei-Min		2021/08/30					A Division of Amphenol Corporation		amphenolicc.com		rel level		Released
surface		linear	0.X		±0.3		projection		time		STD STRADDLE MT		diag no		10122237		rev	
ISO 1302			0.XX		±0.1													
			0.XXX		±0.05													
		angular	0°		±°						HIGH POWER CARD EDGE - UNIVERSAL		cat. no.		-		C	
								product family		CARD EDGE		Product - Customer Drw		sheet 1 of 4				



RECOMMENDED HOST BOARD LAYOUT
AS VIEWED



spec ref		-	dr		Wei-Long Zhang		2012/08/09		Amphenol Power Solutions A Division of Amphenol Corporation amphenol-hcc.com			MM		scale	size		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED	eng		Ada Ye		2021/08/30					ec n no		ELX-DG-42143-1		2:1	A2
ISO 406			r vwr		-		-					rel level		Released			
ISO 1101			appr		Zheng, Pei-Min		2021/08/30										
surface		linear	projection		title		STD STRADDLE MT				diag no		10122237		rev		
ISO 1302			angular		0°		HIGH POWER CARD EDGE - UNIVERSAL				cat. no.		-		C		
					±0°		product family				-		Product - Customer Drw		sheet 2 of 4		



spec ref		-	dr		Wei-Long Zhang		2012/08/09		Amphenol Power Solutions				MM		scale	size
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED	eng		Ada Ye		2012/08/30						ec n no		ELX-DG-42143-1	
ISO 406			r w r		-		-		A Division of Amphenol Corporation				amphenol-icc.com			
ISO 1101			appr		Zheng, Pei-Min		2012/08/30		rel level				Released			
surface	linear	0.X	±0.3		title	STD STRADDLE MT						cat. no	10122237		rev	
		0.XX	±0.1													
		0.XXX	±0.05													
	ISO 1302	angular	0°			±0.°	HIGH POWER CARD EDGE - UNIVERSAL						-			C
				product family		-		Product - Customer Drw				sheet 3 of 4				

A

B

C

E

F

A

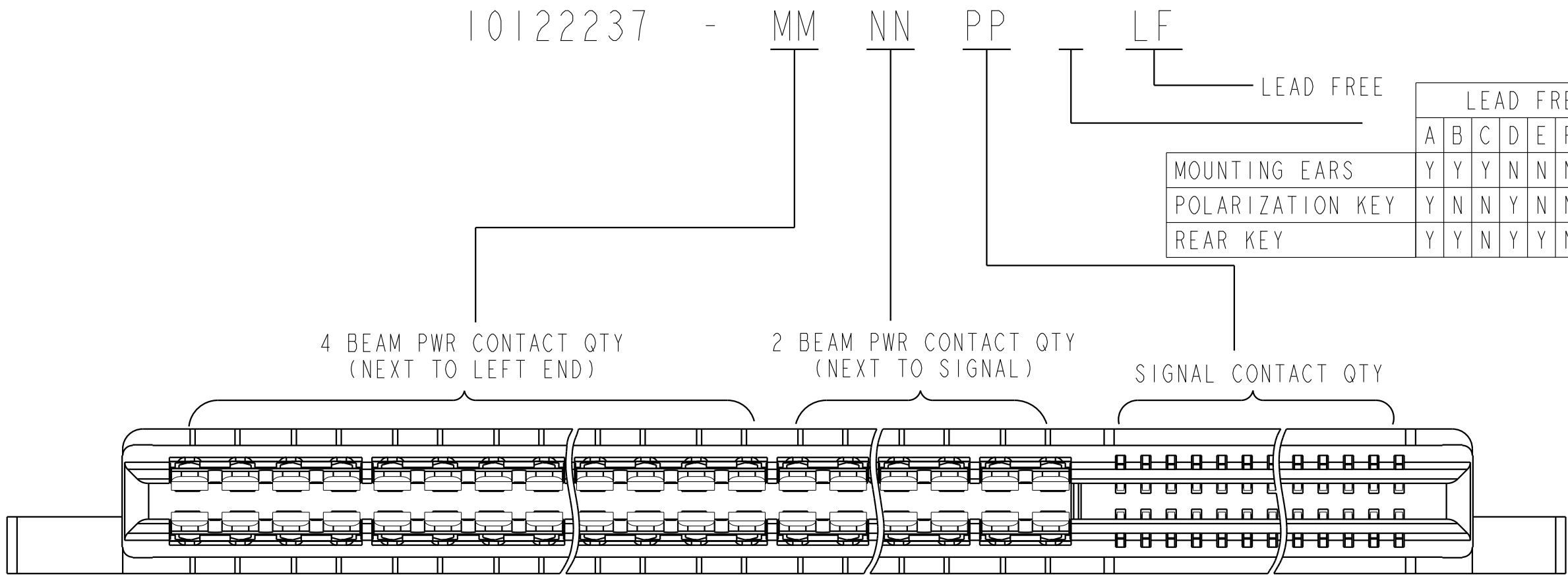
B

C

D

E

F



Example: The configuration above is 10122237-241224ALF
STD STRADDLE MT 36P24S with MOUNTING EARS, POLARIZATION KEY and REAR KEY.
24P is 4 beam contacts, 12P is 2 beam contacts.

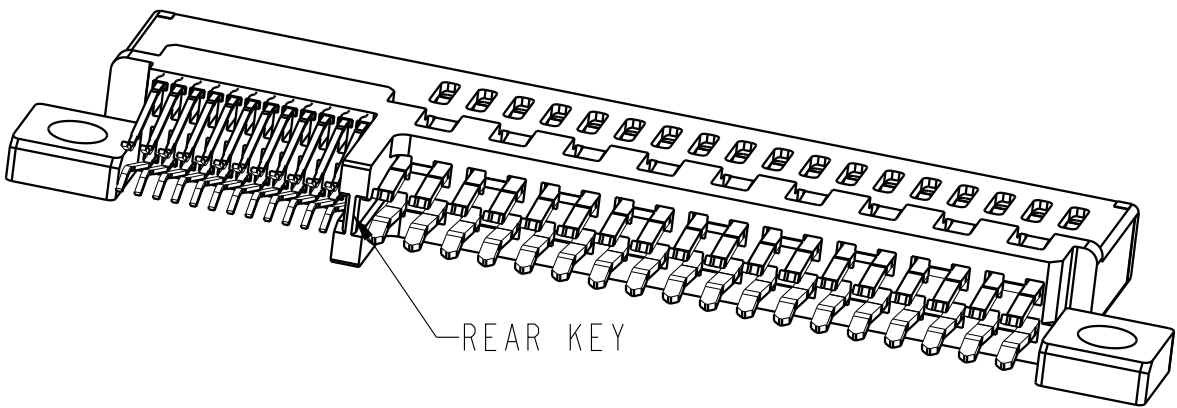
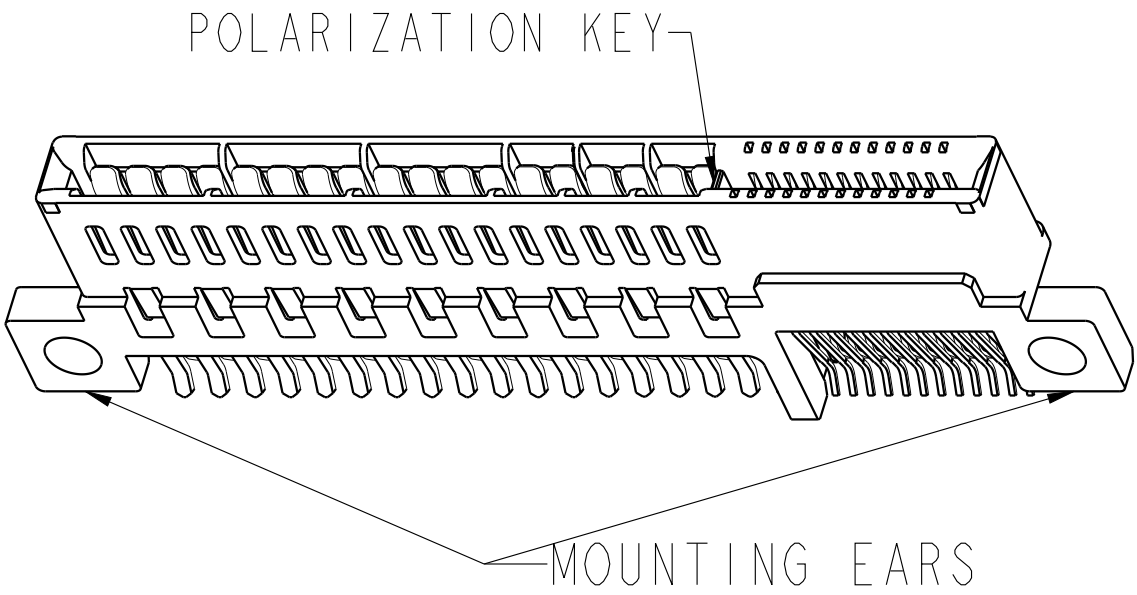
TABLE 1: PART NUMBER CODE FOR STD HPCE MT P+S CONFIG

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.



DIM	TABLE 2. LENGTH FORMULAS
DIM A ⑧	(MM + NN) / 2 x 2.54 + (PP / 2) x 1.27 + 17.2
DIM B	DIM A - 13.08
DIM C	DIM A - 7.5
DIM D	DIM A - 10.42
DIM E ⑨	(MM / 8 - 1) x 10.16 + (NN / 4 - 1) x 5.08 + 16.84 (WITH 4 BEAM CONTACT) 6.68 (WITHOUT 4 BEAM CONTACT)
DIM F	DIM A - 13.38
DIM G ⑨	(MM / 8 - 1) x 10.16 + (NN / 4 - 1) x 5.08 + 13.34 (WITH 4 BEAM CONTACT) 3.18 (WITHOUT 4 BEAM CONTACT)

spec ref		-		dr		Wei-Long Zhang		2012/08/09		Amphenol Power Solutions A Division of Amphenol Corporation amphenol-hcc.com			MM		scale		size			
tolerance std		ISO 406 ISO 1101		eng		Ada Ye		2021/08/30					ec n no		ELX-DG-42143-1		4:1		A2	
		TOLERANCES UNLESS OTHERWISE SPECIFIED		f v w r		-		-					rel level		Released					
				appr		Zheng, Pei-Min		2021/08/30												
surface		linear		0.X		±0.3				title		STD STRADDLE MT HIGH POWER CARD EDGE - UNIVERSAL		diag no		10122237		rev		
		0.XX		±0.1																
		0.XXX		±0.05																
ISO 1302		angular		0°		±°						product family		CARD EDGE		Product - Customer Drw		sheet 4 of 4		