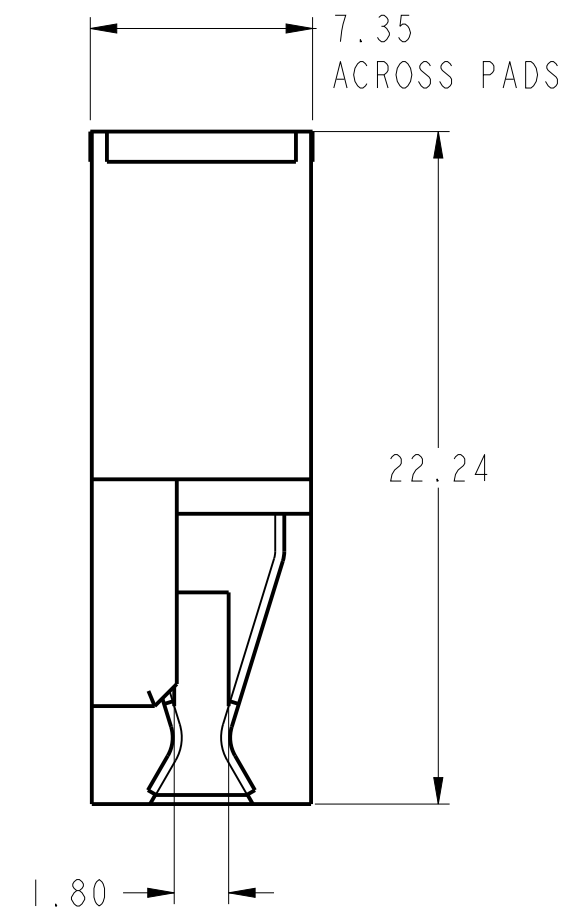
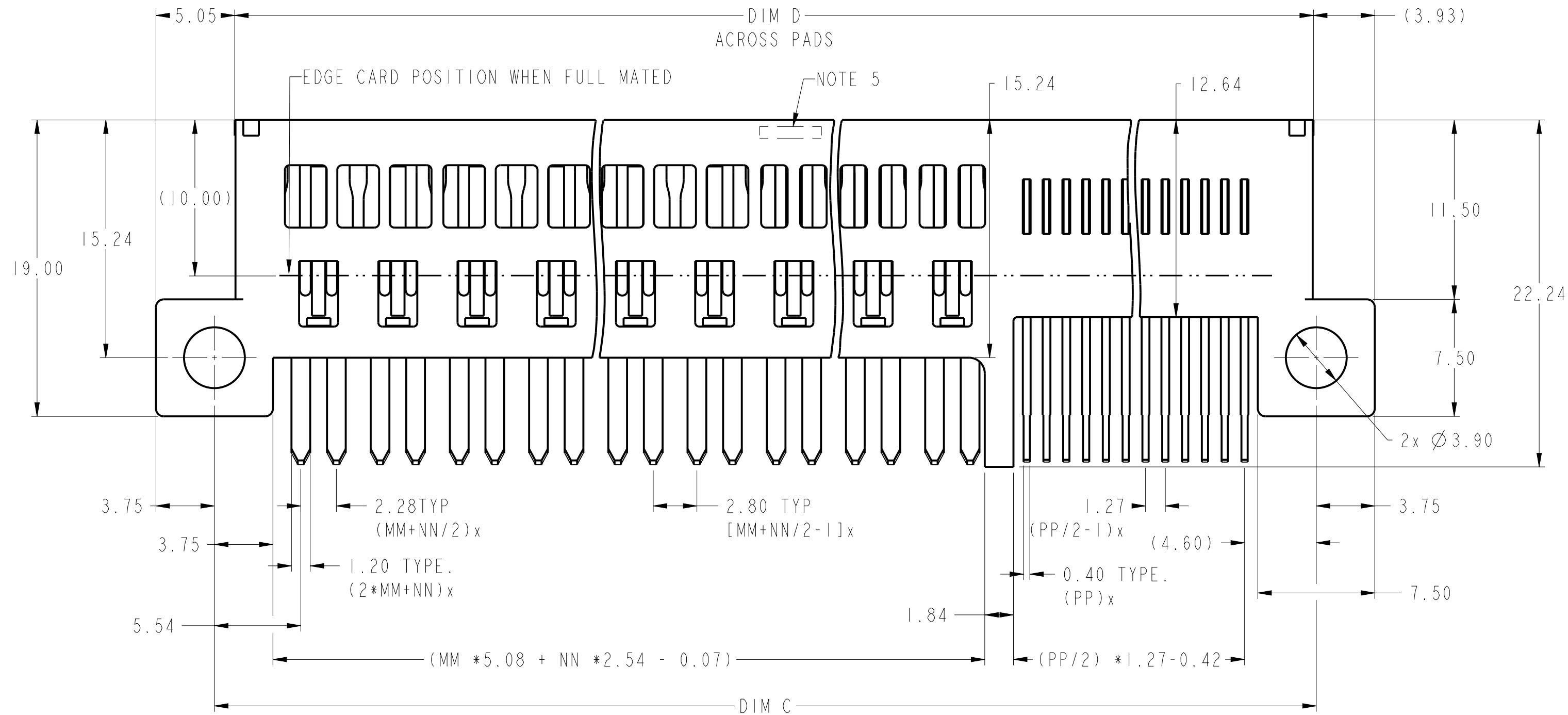
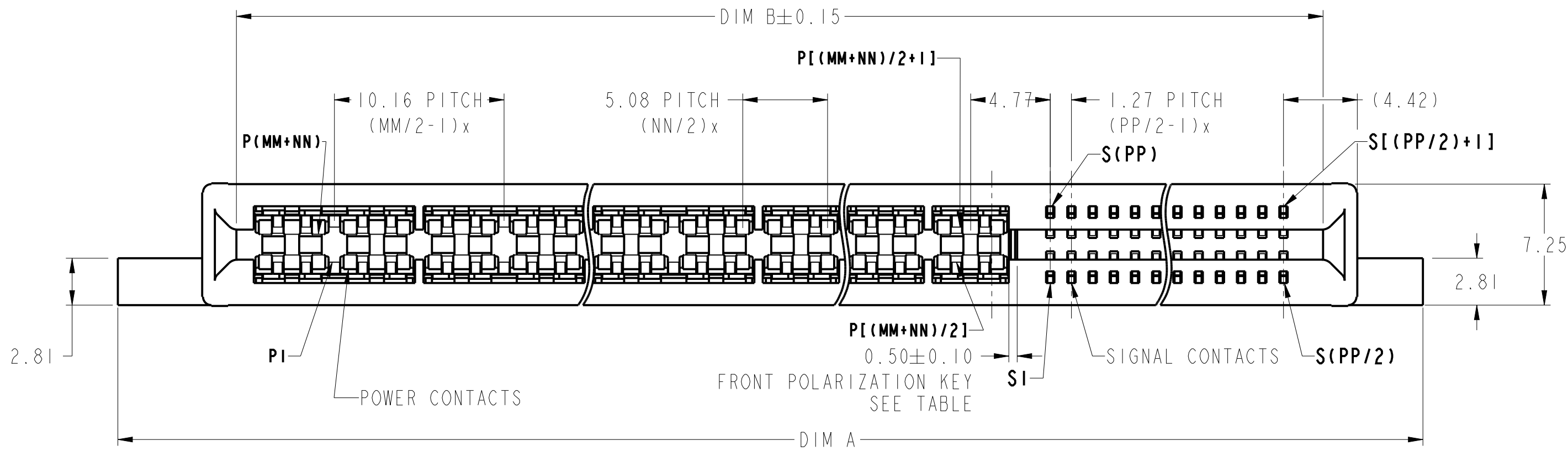




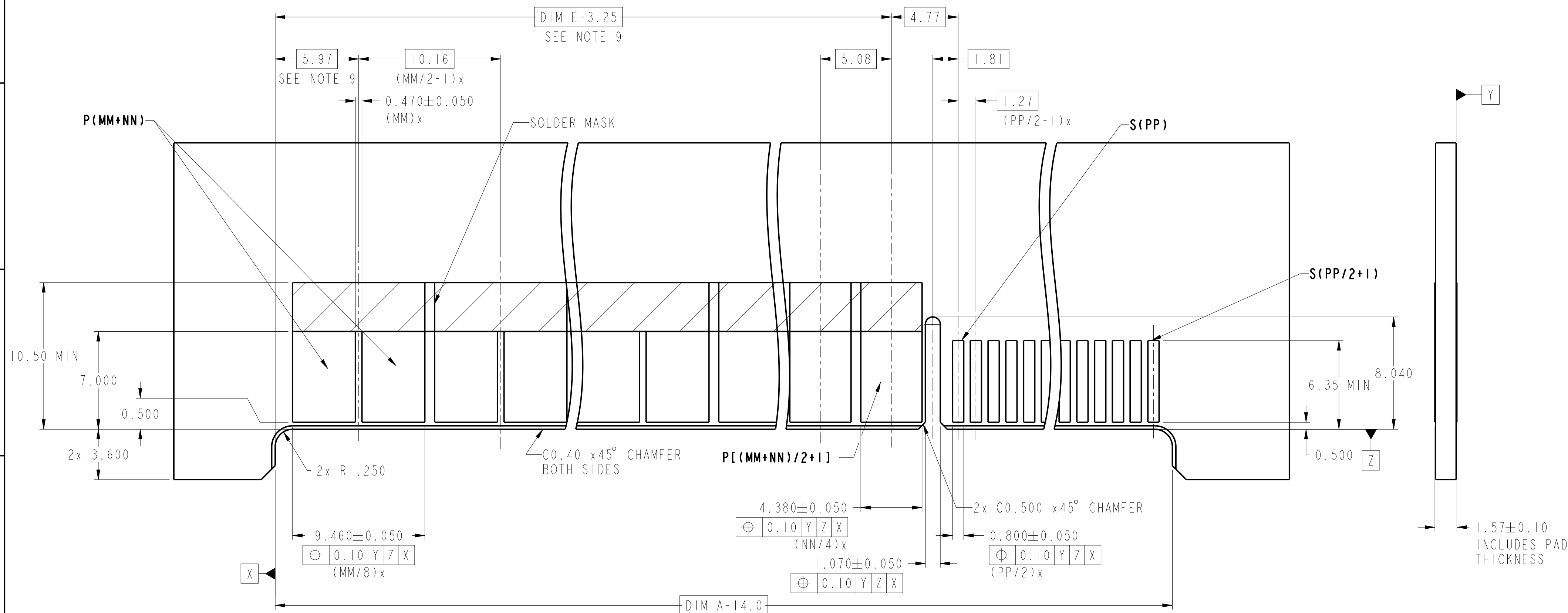
spec ref	-	dr	Andy Lu	2015-12-24	projection	MM	size	A2	scale	4:1
tolerance std	ISO 406 ISO 1101	eng	Andy Lu	2018-03-07	chr	Fancy Zhang	2018-03-07	ecn no	-	
surface	ISO 1302	appr	PM Zheng	2018-03-07	product family	CARD EDGE	rel level	In Work		
linear	0.X ±0.5 0.XX ±0.25 0.XXX ±0.13	title	Amphenol FCI eHPCE STRADDLE MOUNT (UP+MP+S) - UNIVERSAL DRAWING				dwg no	10137755	rev	5
angular	0° ±2°	cat. no.	-	Product - Customer Drw	sheet 1 of 5					



© 2016 AFCI

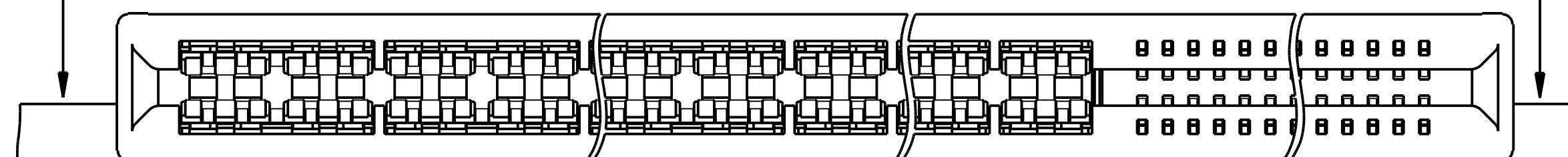


Creo File - REV E - 2016-02-12



RECOMMENDED HOST BOARD LAYOUT
TOLERANCE ± 0.05
(FOR W/O MOUNTING EARS)

RECOMMENDED HOST BOARD LAYOUT AS VIEWED



spec ref -				dr Andy Lu 2015-12-24		projection		MM		size A2		scale 2:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Andy Lu 2016-03-07						ecn no		In Work	
ISO 406				chr Fancy Zhang 2018-03-07									
ISO 1101				appr PM Zheng 2018-03-07									
surface		linear	0.X ±0.5	Amphenol FCI		Title eHPCE STRADDLE MOUNT (UP+MP+S) - UNIVERSAL DRAWING		dwg no 10137755		rev 5			
✓			0.XX ±0.25										
ISO 1302		angular	0° ±0.13										
			0° ±2°	cat. no.		Product - Customer Drw		sheet 3 of 5					

U

PADS OF GOLD FINGERS
SEE NOTE 11

1.57 ± 0.10
INCLUDES PAD
THICKNESS

$2 \times C0.500 \times 30.00^\circ$

RECOMMENDED MATING BOARD LAYOUT
TOLERANCE ± 0.05

spec ref -				dr Andy Lu		2015-12-24		projection		size		scale			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Andy Lu		2018-03-07				MM		A2		1:1	
ISO 406				chr Fancy Zhang		2018-03-07						ecn no		-	
ISO 1101				appr PM Zheng		2018-03-07		product family		-		rel level		In Work	
surface -		linear		Amphenol FCI		Title eHPCE STRADDLE MOUNT (UP+MP+S) - UNIVERSAL DRAWING		dwg no 10137755		rev 5					
		0.X ±0.5													
		0.XX ±0.25													
ISO 1302		0.XXX ±0.13		cat. no.		-		Product-		Customer Drw		sheet 4 of 5			
		angular ±2°													

A

B

C

D

E

F

A

B

C

D

E

F

10137755

MM

NN

PP

LF

LEAD FREE

MOUNTING EARS

POLARIZATION KEY

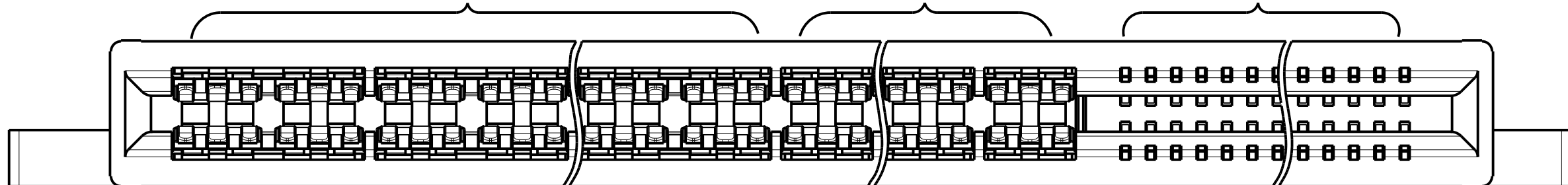
REAR GUIDE

	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

ULTRA PWR CONTACT QTY
(NEXT TO LEFT END)

MIDDLE PWR CONTACT QTY
(NEXT TO SIGNAL)

SIGNAL CONTACT QTY



Example: The configuration above is 10137755-060624ALF
STRADDLE MOUNT WITH ENHANCED WALLS 6UP6MP24S WITH MOUNTING EARS,
POLARIZATION KEY AND ALIGNMENT KEY.

6UP means 6 pcs ultra power contacts with 6 beams; 24S means 24 pcs signal contacts;
6MP means 6 pcs middle power contacts with 3 beams.

TABLE: PART NUMBER CODE FOR eHPCE STRADDLE MOUNT WITH ENHANCED WALL UP+MP+S CONFIG

NOTES:

1. CONNECTOR MATERIALS:

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

2. CONTACT FINISH REF. SECTION 5.2 IN PRODUCT SPECIFICATION.

3. PRODUCT SPECIFICATION: GS-12-1362.

4. APPLICATION SPECIFICATION: GS-20-0469.

5. PRODUCT MARKING (PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.

6. PACKAGING MEETS SPECIFICATION GS-14-2532(POCKET TRAY).

7. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE
FOR 10 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.

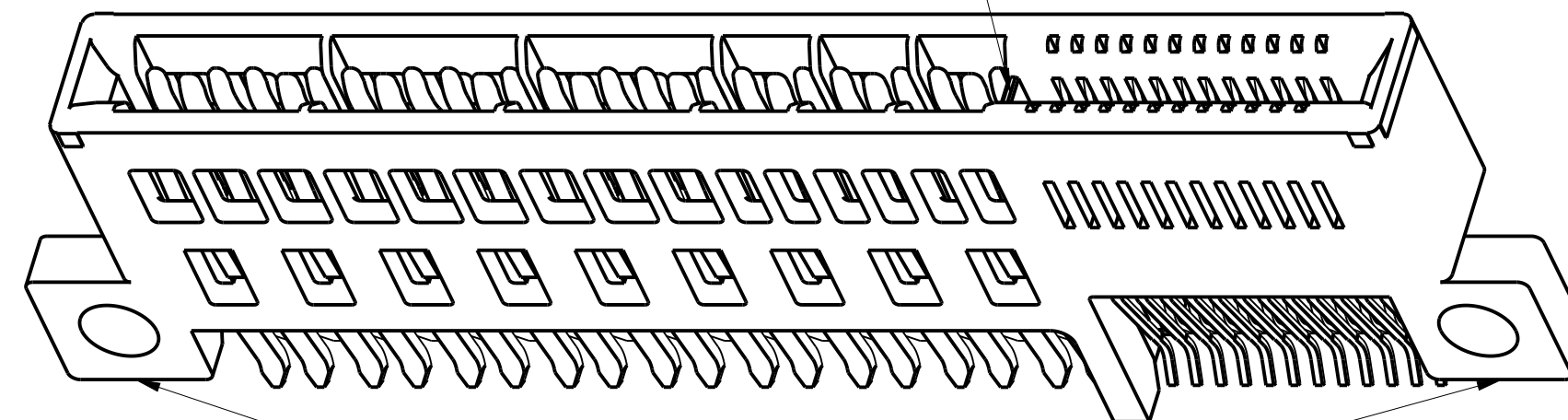
8. MAXIMUM OVERALL LENGTH IS 100mm.

9. DIM IS NOT APPLICABLE IF THERE ISN'T 3 BEAMS CONTACT.

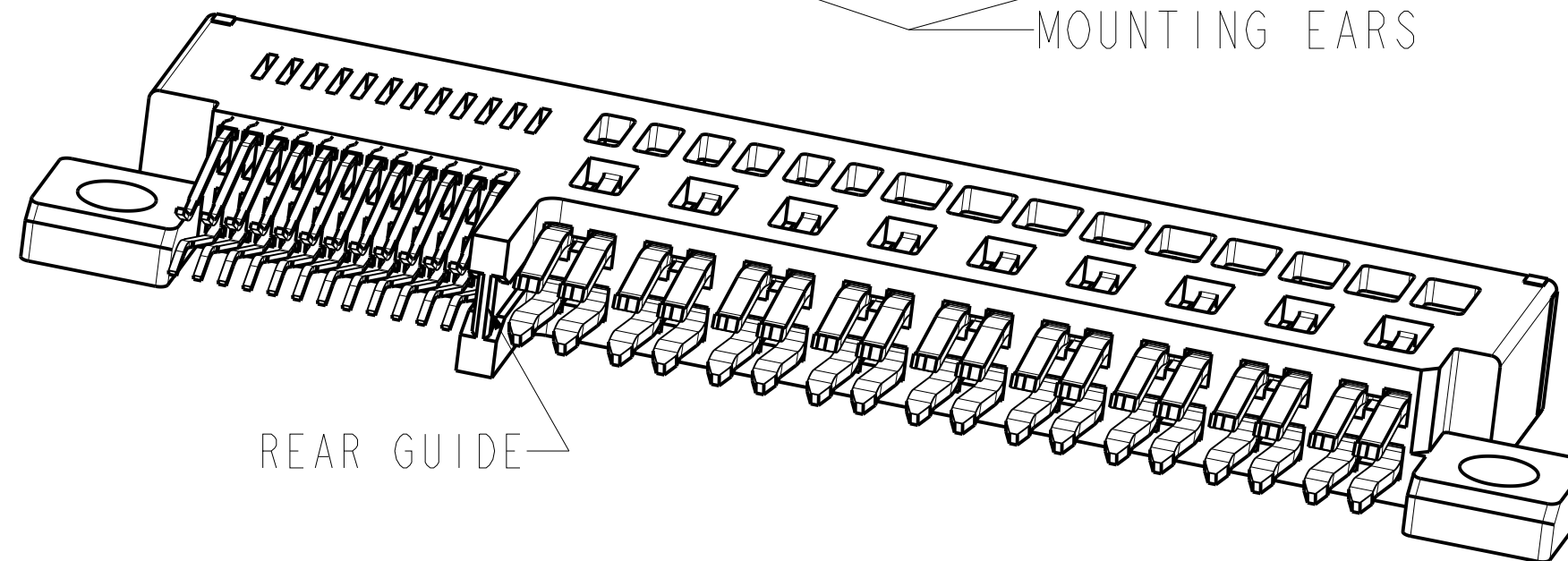
10. THIS PRODUCT MEETS EUROPEAN UNION DERECTIVES AND OTHER COUNTRY REGULATIONS
AS DESCRIBED IN GS-47-0004.

11. PLATING OF PADS SHALL BE 30u" GOLD MINIMUM OVER 50u" NICKEL MINIMUM.
SURFACE MUST BE FREE OF FOREIGN MATTER.

POLARIZATION KEY



MOUNTING EARS



REAR GUIDE

DIM	TABLE 2. LENGTH FORMULAS
DIM A ⑧	$(MM/2)*10.16 + (NN/2) \times 5.08 + (PP/2) \times 1.27 + 17.20$
DIM B	DIM A - 13.08
DIM C	DIM A - 7.50
DIM D	DIM A - 8.98
DIM E ⑨	$(MM/2 - 1) \times 10.16 + (NN/2 - 1) \times 5.08 + 16.84$ (WITH UP CONTACT) $(NN/2 - 1) \times 5.08 + 6.68$ (WITHOUT UP CONTACT)
DIM F	DIM A - 13.38
DIM G ⑨	$(MM/2 - 1) \times 10.16 + (NN/2 - 1) \times 5.08 + 13.34$ (WITH UP CONTACT) $(NN/2 - 1) \times 5.08 + 3.18$ (WITHOUT UP CONTACT)

spec ref	-	dr	Andy Lu	2015-12-24	projection	MM	size	A2	scale	4:1
tolerance std	ISO 406 ISO 1101	eng	Andy Lu	2018-03-07	chr	Fancy Zhang	2018-03-07	ecn no	-	
surface	linear	appr	PM Zheng	2018-03-07	product family	CARD EDGE	rel level	In Work		
linear	0.X ±0.5 0.XX ±0.25 0.XXX ±0.13	Amphenol FCi	eHPCE STRADDLE MOUNT (UP+MP+S) - UNIVERSAL DRAWING				dwg no	10137755	rev	5
ISO 1302	angular	0° ±2°	cat. no.	-	Product - Customer Drw				sheet	5 of 5