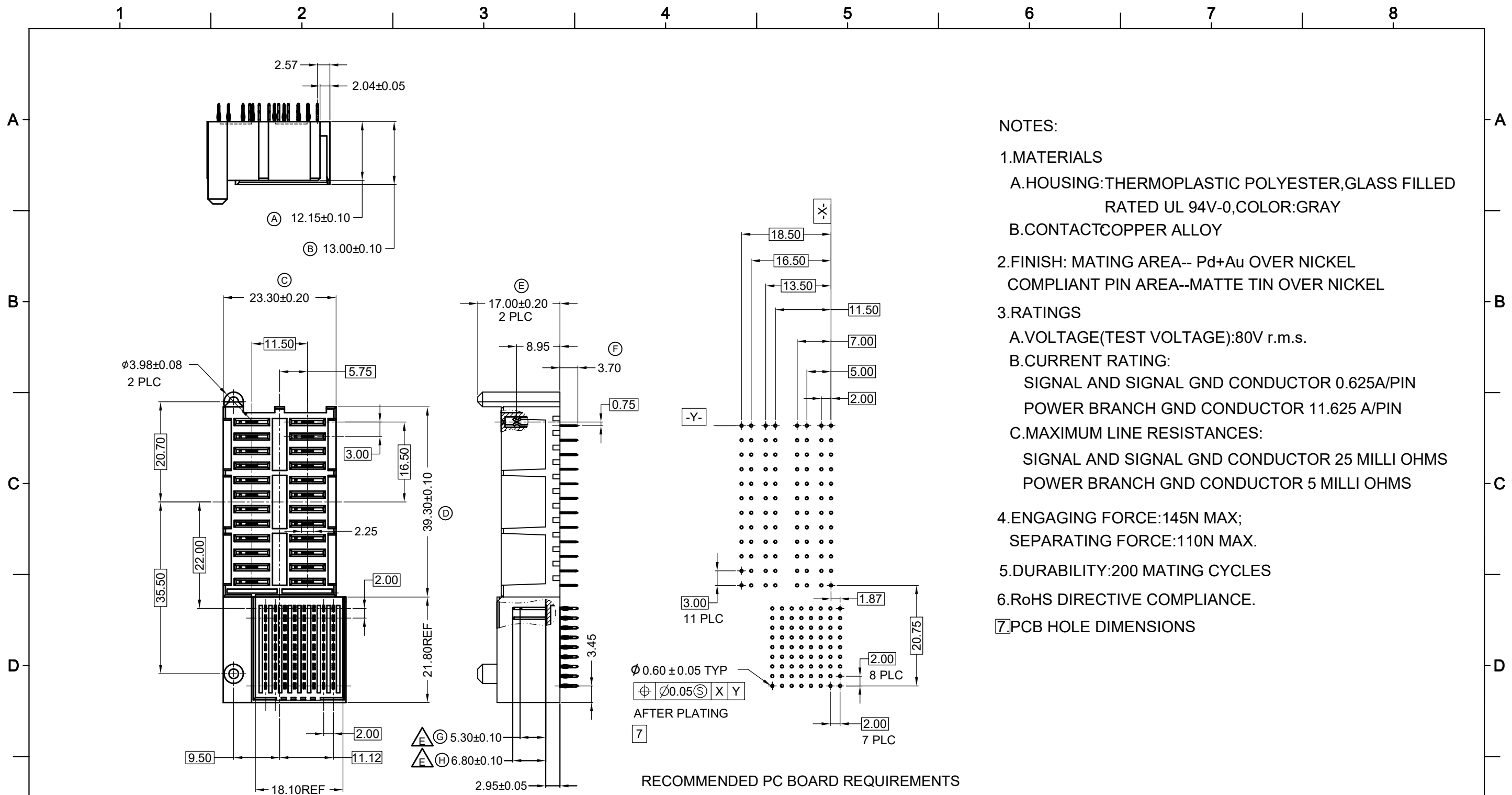




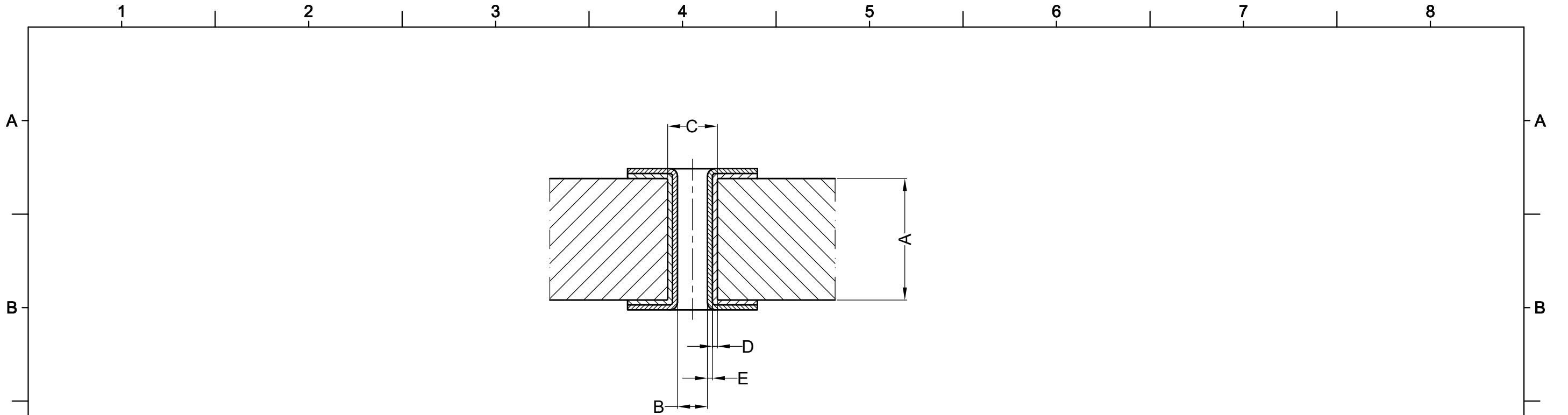
NOTES:

- 1.MATERIALS**
 - A.HOUSING:THERMOPLASTIC POLYESTER,GLASS FILLED
RATED UL 94V-0,COLOR:GRAY
 - B.CONTACTCOPPER ALLOY
- 2.FINISH: MATING AREA-- Pd+Au OVER NICKEL**
COMPLIANT PIN AREA--MATTE TIN OVER NICKEL
- 3.RATINGS**
 - A.VOLTAGE(TEST VOLTAGE):80V r.m.s.
 - B.CURRENT RATING:
SIGNAL AND SIGNAL GND CONDUCTOR 0.625A/PIN
POWER BRANCH GND CONDUCTOR 11.625 A/PIN
 - C.MAXIMUM LINE RESISTANCES:
SIGNAL AND SIGNAL GND CONDUCTOR 25 MILLI OHMS
POWER BRANCH GND CONDUCTOR 5 MILLI OHMS
- 4.ENGAGING FORCE:145N MAX;**
SEPARATING FORCE:110N MAX.
- 5.DURABILITY:200 MATING CYCLES**
- 6.RoHS DIRECTIVE COMPLIANCE.**
- 7.PCB HOLE DIMENSIONS**



E	ECR-19066	2019/06/26
D	ECN-150083	2015/07/21
C	ECN-210070	2012/04/23
REV.	DESCRIPTION	DATE

UNITS: ■ mm □ inch		SIZE A3		NAME: MicroTCA Power Backplane Version		nextron® NEXTRONICS ENGINEERING CORP.					
GENERAL TOLERANCE: (UNLESS SPECIFIED)				PART NO: R-819B8113B0010-0		TITLE: CUSTOMER DWG.					
				APPD: Linson曾偉雄 2019/06/26		DWG NO: 010-0000-491			C		
		mm		inch						CHKD: Linson曾偉雄 2019/06/26	
4 PLACE		± **		±. **		DRAW:					
3 PLACE		± **		±. **							
2 PLACE		± 0.15		±. **		DESIGN: Gavin王士文 2019/06/26					
1 PLACE		± 0.25		±. **							
ANGLES		X°±2°				SCALE		SHEET		REV.	
						1.25/1		1/2		E	



7 PLATED THROUGH-HOLE CROSS SECTION (SCALE 10:1)

		Dimension
A	PCB Thickness	Minimum 1.4 mm
B	Plated Through Hole Diameter	0.60 +/- 0.05 mm
C	Drill Hole Diameter	0.70 +/- 0.02 mm
D	Cu Thickness	Minimum 25 μm
E	Plating Thickness	(Minimum 0.5μm Immersion Sn)

7 PLATED THROUGH-HOLE DIMENSIONS



E	ECR-19066	2019/06/26
D	ECN-150083	2015/07/21
C	ECN-210070	2012/04/23
REV.	DESCRIPTION	DATE

UNITS: ■ mm □ inch		SIZE	NAME: MicroTCA Power Backplane Version		nextron® NEXTRONICS ENGINEERING CORP.					
		A3								
GENERAL TOLERANCE: (UNLESS SPECIFIED)			PART NO: R-819B8113B0010-0		TITLE: CUSTOMER DWG.					
4 PLACE	mm	inch	APPD: Linson曾偉雄 2019/06/26		DWG NO: 010-0000-491			C		
3 PLACE	mm	inch	CHKD: Linson曾偉雄 2019/06/26							
2 PLACE	mm	inch	DRAW:		⌀ ◁			SCALE	SHEET	REV.
1 PLACE	mm	inch								
ANGLES	X°±2°		DESIGN: Gavin王士文 2019/06/26					1.25/1	2/2	E