

- NOTES:
- ELECTRICAL CHARACTERISTICS
    - VOLTAGE RATING: 250V
    - CONTACT RESISTANCE: 10 MILLIOHMS MAX. INITIAL.  
15 MILLIOHMS MAX. AFTER TEST.
    - INSULATION RESISTANCE: 1000 MEGOHMS MIN. AT 500 VDC.
    - DIELECTRIC WITHSTAND VOLTAGE: 500 VDC RMS. MIN. AT SEA LEVEL.
  - MECHANICAL CHARACTERISTICS:
    - TOTAL INSERTION FORCE: 70.0 N MAX USE 1.60mm THICKNESS GAUGE.
    - TOTAL WITHDRAW FORCE: 10 N MIN USE 1.60mm THICKNESS GAUGE.
    - CONTACT RETENTION FORCE: 0.5 Kgf MIN.
    - DURABILITY: 200 CYCLES.
  - ENVIRONMENTAL CHARACTERISTICS:
    - OPERATION TEMPERATURE RANGE: -55°C TO +105°C.
  - LEAD-FREE AND ROHS COMPLIANT PRODUCT
  - UNLESS OTHERWISE SPECIFIED, ALL TOLERANCES FOLLOW DRAWING COMMON STANDARD.
  - PACKAGING: SEE PACKAGE SPECIFICATION.
  - POWER SINGLE PIN MAX CURRENT 36A (SUM: 12 PIN).  
SIGNAL SINGLE PIN MAX CURRENT 7A (SUM: 14 PIN).
  - CONTACT PLATING: CONTACT SEGMENT: NI: 50-120 u", AU: 15/30u"; (SEE NOTE 1)  
WELDING SEGMENT: NI: 50-120 u", TIN: 80-140u"
  - DATE CODE LOCATION & PART NUMBER IS SHOWN ABOVE  
DATE CODE FORMAT: YYWW  
YY=YEAR  
WW=WEEK
  - PART NO :

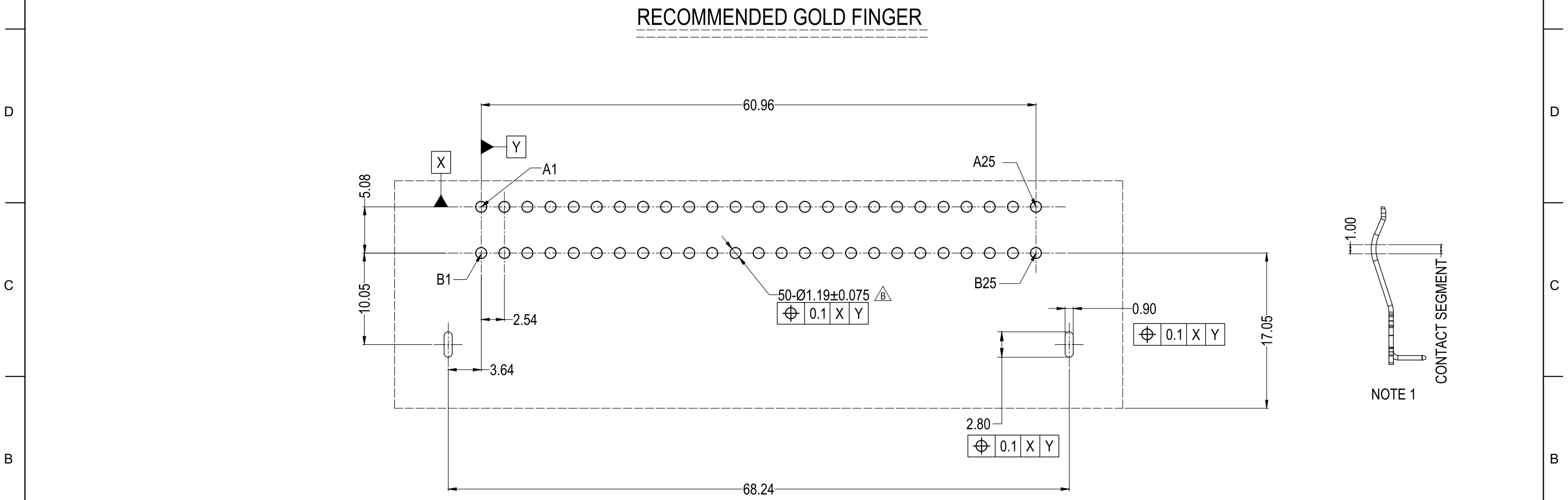
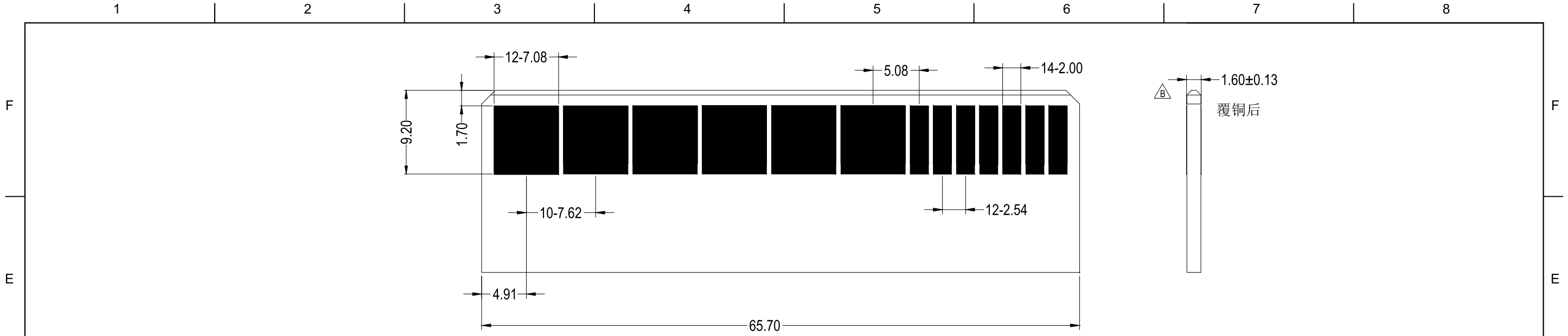
81052600XX  
 CONTACT GOLD PLATING: 0: NO LOGO  
 2: 30u" GOLD PLATING  
 3: 15u" GOLD PLATING  
 1: WITH MZF LOGO



ITEM	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
4	POWER CONTACT	12	COPPER ALLOY	SEE NOTES 8 / PART NO.
3	SIGNAL CONTACT	14	COPPER ALLOY	SEE NOTES 8 / PART NO.
2	HOOK	2	COPPER ALLOY	TIN 80~140u"
1	HOUSING	1	THERMOPLASTIC	BLACK

GENERAL TOLERANCES (UNLESS SPECIFIED)		Guangdong MZF Interconnection co., LTD.			
X ± 0.30	X.° ± 3°	PART NO.	TITLE:		
.XX ± 0.20	.X.° ± 2°	81052600XX	50 POS 12A R/A P/S ISA CONN		
.XXX ± 0.10	.XX.° ± 1°	APPROVED: Zlqian 12/21'18	DWG NO.	CUSTOMER DWG	
		CHECKED: Zqzeng 12/21'18	10-1052-04		
		DRAWN: Jsxu 12/21'18	SCALE	SHEET	REV.
			1:1	1/2	B

REV.	DESCRIPTION	DATE	SIZE	UNIT
B	PRD-1812012/UPDATED	12/21'18	A3	mm
A	NEW RELEASED	12/12'18		



GENERAL TOLERANCES (UNLESS SPECIFIED)			Guangdong MZF Interconnection co., LTD.			
X	± 0.30	X.° ± 3°	PART NO.		TITLE:	
.XX	± 0.20	.X° ± 2°	81052600XX		50 POS 12A R/A P/S ISA CONN	
.XXX	± 0.10	.XX° ± 1°	APPROVED: Zlqian 12/21'18		DWG NO. 10-1052-04	
ECN NO. PRD-1812006			CHECKED: Zqzeng 12/21'18		CUSTOMER DWG	
SIZE UNIT			DRAWN: Jsxu 12/21'18		SCALE SHEET REV.	
A3 mm					1:1 2/2 B	

REV.	DESCRIPTION	DATE
B	PRD-1812012/UPDATED	12/21'18
A	NEW RELEASED	12/12'18