

RoHS

8 7 6 5 4 3 2 1

REV	ECN NO.	DESCRIPTION	DESIGN	APPROVAL	DATE
A1	NEW	更换图框			2026.07.21

E D C B A

8.5H Gen4.0 1A E

KEY MARKED

BEFORE IR REFLOW ALL CONTACTS AND PEGS

NOTES:

- MATERIALS:
 - HOUSING:
 - CONTACT: GOLD PLATING AT MATING AREA(SEE P/N)G/F(1U"MIN.)AT SOLDER TAIL,ALL OVER NICKEL(50U"MIN.)
 - PEG:50U"MIN.MATTE TIN PLATING OVER ALL,ALL OVER NICKEL(50U"MIN.)
- FINISHED:ROSH2.0 AND HF COMPLIANT;
- RATINGS
 - VOLTAGE RATING:50V AC(PER PIN);
 - CURRENT RATING:0.5A3.30PERATING TEMPERATURE:-40 ~80 ;
- ELECTRICAL REQUIREMENT:
 - LLCR:55MΩ MAX,(INITIAL),20MΩ MAX.CHANGE ALLOWED(FINAL);
 - DIELECTRIC WITHSTANDING VOLTAGE:300V AC(RMS)FOR 1 MINUTE;
 - INSULATION RESISTANCE:500MΩ MIN.@500V DC;
- MECHANICAL REQUIREMENT
 - MATING FORCE:25N MAX,
 - UNMATING FORCE:25N MAX,
 - DURABILITY:60 CYCLES;
 - VBRATION:NO ELECTRICAL DISCONTINUITY GREATER THAN 1U SEC SHALL OCCUR
- RESISTANCE_TO HEAT:THE TEMPERATURE SHALL BE 260±5℃ 10±1 SECONDS;

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PART NO: XF-807M2EX85

TITLE: M.2 8.5H GEN4.0 E-KEY

APPD: Chen ZhiQiang

CHKD: Liu Wei

DRAW: Chen HongJiang

DATE: 2026.07.21

XFCN 兴飞连接器

0769-82001899

www.xfconn.com

DWG NO: /

VIEW

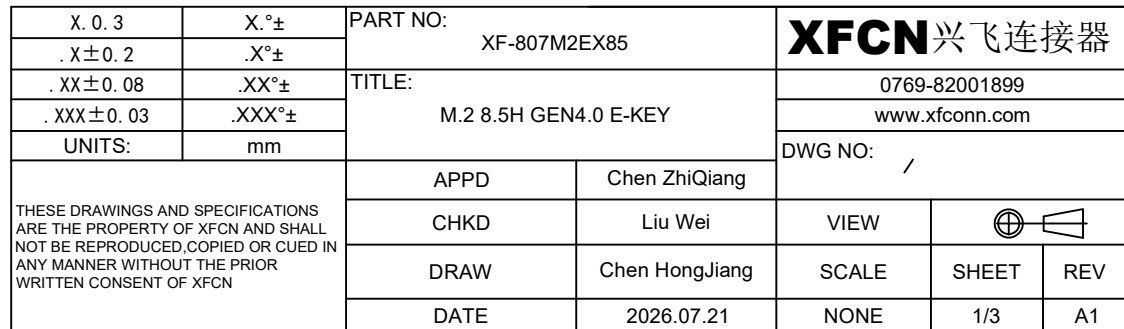
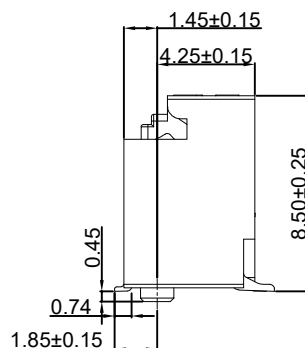
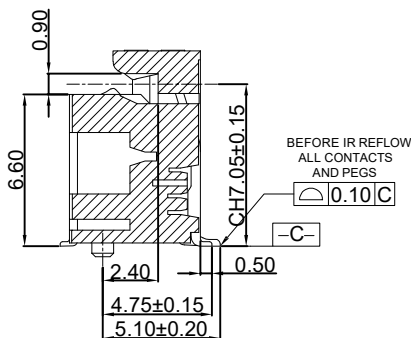
SCALE

SHEET

REV

1/3

A1

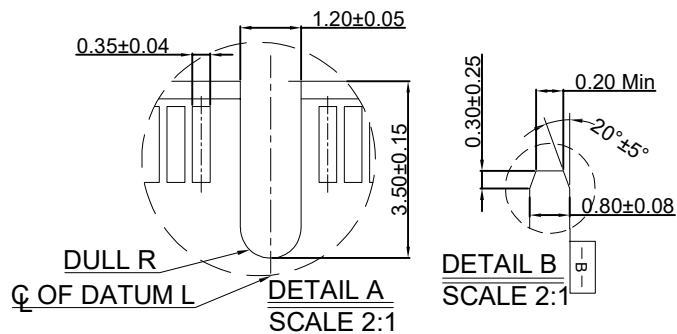
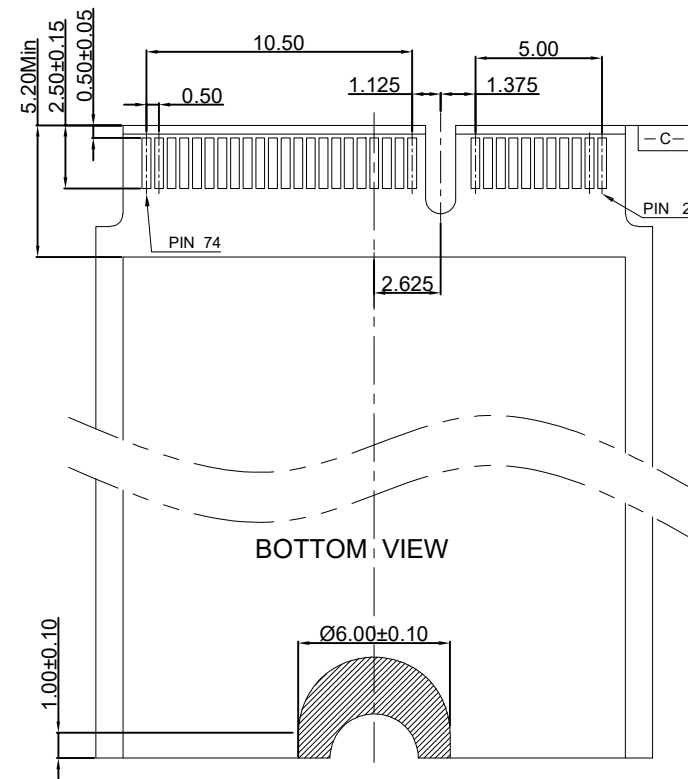
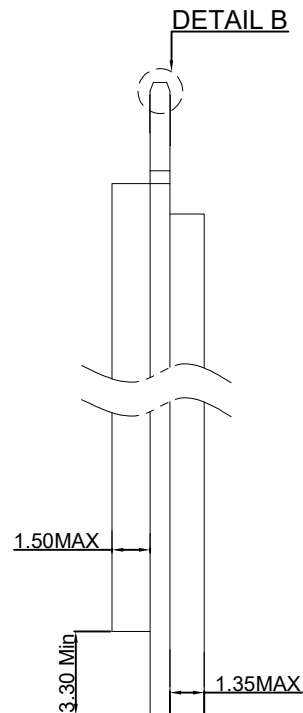
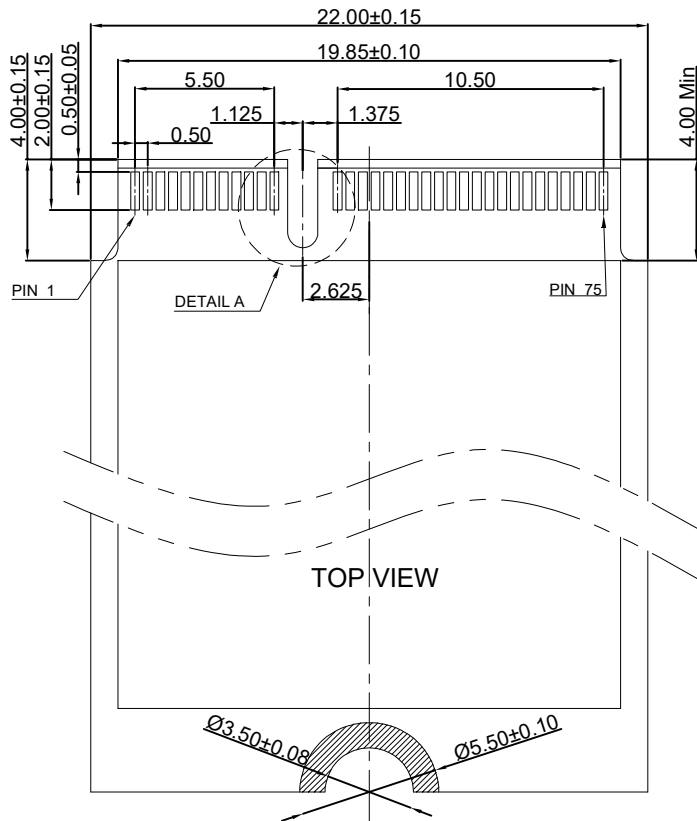


NOTES:

1. MATERIALS:
 - 1.1 HOUSING:
 - 1.2 CONTACT: GOLD PLATING AT MATING AREA (SEE P/N) G/F (1U" MIN.) AT SOLDER TAIL, ALL OVER NICKEL (50U" MIN.)
 - 1.3 PEG: 50U" MIN. MATTE TIN PLATING OVER ALL, ALL OVER NICKEL (50U" MIN.)
2. FINISHED: ROHS2.0 AND HF COMPLIANT;
3. RATINGS
 - 3.1 VOLTAGE RATING: 50V AC (PER PIN);
 - 3.2 CURRENT RATING: 0.5A3.30 OPERATING TEMPERATURE: -40 ~80 ;
4. ELECTRICAL REQUIREMENT:
 - 4.1 LLCR: 55MΩ MAX. (INITIAL), 20MΩ MAX. CHANGE ALLOWED (FINAL);
 - 4.2 DIELECTRIC WITHSTANDING VOLTAGE: 300V AC (RMS) FOR 1 MINUTE;
 - 4.3 INSULATION RESISTANCE: 500MΩ MIN. @ 500V DC;
5. MECHANICAL REQUIREMENT
 - 5.1 MATING FORCE: 25N MAX,
 - 5.2 UNMATING FORCE: 25N MAX,
 - 5.3 DURABILITY: 60 CYCLES;
 - 5.4 VIBRATION: NO ELECTRICAL DISCONTINUITY GREATER THAN 1U SEC SHALL OCCUR
6. RESISTANCE TO HEAT: THE TEMPERATURE SHALL BE 260±5℃ 10±1 SECONDS;

RoHS

REV	ECN NO.	DESRIPTION	DESIGN	APPROVAL	DATE
A1	NEW	更换图框			2026.07.21



X. 0. 3	X. °±	PART NO: XF-807M2EX85		XFCN 兴飞连接器	
. X±0. 2	.X°±	TITLE: M.2 8.5H GEN4.0 E-KEY		0769-82001899	
. XX±0. 08	.XX°±			www.xfconn.com	
. XXX±0. 03	.XXX°±			DWG NO: /	
UNITS: mm		APPD	Chen ZhiQiang	VIEW	
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF XFCN AND SHALL NOT BE REPRODUCED, COPIED OR CUED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF XFCN		CHKD	Liu Wei	SCALE	SHEET
		DRAW	Chen HongJiang	3/3	REV
		DATE	2026.07.21	NONE	A1