



RECOMMENDED PCB LAYOUT (COMPONENT SIDE)  
TOLERANCE: ±0.05

料号备注:  
C-TF425-LH47XY-2D  
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100  
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100  
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- REMARKS (备注):
- CONTACT INSERTION AND WITHDRAW FORCE (插拔力):
    - 1.1 Insertion force (插入力): 5N-20N max.
    - 1.2 Withdrawal force (拔出力): 8N-20N.
    - 1.3 Durability (耐久性): 10000cycles.
  - ELECTRIC PROPERTY (电气性能):
    - 2.1 Contact current rating (额定电流): 5A.
    - 2.2 Dielectric Strength (介电强度): 100V AC (RMS).
    - 2.3 Insulation Resistance (绝缘电阻): 100 megohms (兆欧) min.
    - 2.4 Contact resistance (接触电阻): 4mohms MAX. FOR VBUS, GND AND OTHER CONTACT. 50mohms MAX. AFTER ENVIRONMENT TEST.
  - AMBIENT TEMPERATURE (环境温度):
    - 3.1 Operating temperature (制造温度): -25° C to +85° C.
  - Marked "xx" should be FAT DIM. 标△的为重点管控

ITEM	DESCRIPTION	MATERIAL
6	Outer-Shell	SUS-304H T=0.20mm Ni: 30U *MIN
5	Shell	SUS-304H T=0.30mm Ni: 30U *MIN
4	Shrapnel	SUS-304 T=0.10mm
3	Tatch	SUS-301 T=0.15mm
2	Terminal	C7025 T=0.15mm Ni: 50U*, Au: 1U*, Sn: 60U*
1	Housing	LCP UL94-0 BLACK

**TXF**  
同心富  
深圳市同心富精密电子有限公司  
Shenzhen TXF Precision Electronics Co., LTD

○	1、更改尺寸 44号: PCB板焊脚宽度由W0.3更改为W0.25mm	MIJO	2023.08.29
◇	2、更改尺寸 52号: PCB板柱子孔径由φ0.65+/-0.025更改为φ0.65+0.05/-0.05	Andy	2023/04/01
LTR	REVISION	RECORD	DATE

TOLERANCE:		UNIT	DRAW:		SCALE	CHECK:	APPR:	REV:	SCALE	DATE	ITEM
X. ±0.50	X. ° ±1°	MM	同心富	Andy	1:1	Mi Jo	A	1:1	2023.08.26	C-TF425-LH47XY-2D	
X. ±0.35	X. ° ±1°	MM	同心富	Andy	1:1	Mi Jo	A	1:1	2023.08.26	C-TF425-LH47XY-2D	
.XX ±0.25	.XX ° ±1.0°	MM	同心富	Andy	1:1	Mi Jo	A	1:1	2023.08.26	C-TF425-LH47XY-2D	
.XXX ±0.10	.XXX ° ±1.0°	MM	同心富	Andy	1:1	Mi Jo	A	1:1	2023.08.26	C-TF425-LH47XY-2D	

1 2 3 4 5 6