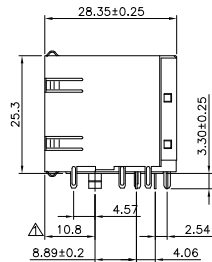
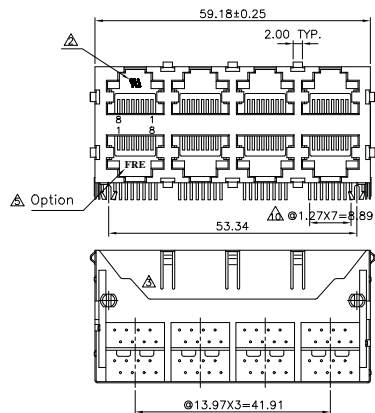


AIRFRD10



REVISION RECORD				
REV	ECO	DESCRIPTION	DRFT	CHKD
△		MODIFY DIM	YUAN	
△		ADD LOGO	YUAN	
△		Modify View	YUAN	
△		Add part number	YUAN	
△		Add P/N Option	YUAN	
△		Modify PCB Layout	YUAN	
△		ADD PART NO.	YUAN	
△		ADD PART NO.	YUAN	
△		ADD PART NO.	YUAN	
△		MODIFY DRAWING	YUAN	
△		ADD PART NO	YUAN	

NOTES:

ELECTRICAL:

- VOLTAGE RATING : 125 VAC RMS.
- CURRENT RATING : 1.5 AMP.
- CONTACT RESISTANCE : 50 MILLIOHMS MAX.
- INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 500 VDC.
- DIELECTRIC STRENGTH : 1000 VAC RMS 60Hz, 1MIN.

MECHANICAL:

- HOUSING MATERIAL : GLASS FILLED POLYESTER UL94V-0.
- CONTACT MATERIAL : PHOSPHOR BRONZE Ø0.46mm.
- PLATING : GOLD PLATING OVER NICKEL.
- OPERATING LIFE : 750 CYCLES MIN.
- PCB RETENTION PRE-SOLDER : 1 LB MIN.
- PCB RETENTION POST-SOLDER: 10 LBS MIN.

ENVIRONMENTAL:

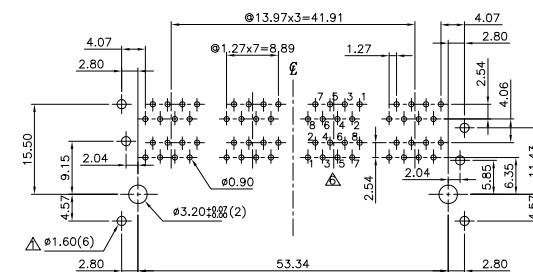
- STORAGE : -40°C TO +85°C.
- OPERATION : -40°C TO +85°C.

MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.

CUL FILE NO. E163191

PART NUMBER: E590X-XXX1XX

- 2-2C Gold Thickness: 1- 3u" 2- 6u" 3-15u"
- 4-4C 4-30u" 5-50u"
- 6-6C F - Gold Flash (SHENZHEN LESS 1u")
- 8-8C
- Logo Option
- W- W/O "FRE" Logo
- 51- TOP & BOTTOM & SIDE TABS,Tin:PBT+30% G.F.
- 57- TOP & BOTTOM & SIDE TABS,Nickel:PBT+30% G.F.
- 50- TOP & BOTTOM & SIDE TABS,Au 1-3U":PBT+30% G.F.
- 58- TOP & BOTTOM & SIDE TABS,Nickel:FRS2



PC Board Layout Component Side Shown
PC Board Thickness=1.6mm

LEAD FREE PART NUMBER: E590X-5-CXXX-L

- 2-2C Gold Thickness: 1- 3u" 2- 6u" 3-15u"
- 4-4C 4-30u" 5-50u"
- 6-6C F - Gold Flash (SHENZHEN LESS 1u")
- 8-8C
- 1V-FRONT PEG 4.57,W/O "FRE" LOGO,FRS2 BK
- 1W-FRONT PEG 4.57,W/O "FRE" LOGO,PBT+30%GF BK

C&D PART NUMBER: E590X-XXXXXX

- 2-2C Gold Thickness: 1- 3u" 2- 6u" 3-15u"
- 4-4C 4-30u" 5-50u"
- 6-6C F - Gold Flash (SHENZHEN LESS 1u")
- 8-8C
- Logo Option
- 12- FRONT PEG 4.57, W/O "FRE" Logo
- 1W-FRONT PEG 4.57, W/O "FRE" Logo
- 51- TOP & BOTTOM & SIDE TABS,Tin:PBT+30% G.F.
- 57- TOP & BOTTOM & SIDE TABS,Nickel:PBT+30% G.F.
- 50- TOP & BOTTOM & SIDE TABS,Au 1-3U":PBT+30% G.F.
- 58- TOP & BOTTOM & SIDE TABS,Nickel:FRS2

← MM (INCH) →		DFTO YUAN DATE 6/19/00		FULL RISE ELECTRONIC CO., LTD	
TOLERANCES EXCEPT AS NOTED		CHKDGMFV	DATE2005/3/7	TITLE RJ45	
MFG		DATE		STACKED GANGED JACK, 2X4	
MM	±	APPLVUSHENG	DATE2005/3/7	DRAWING NO. GE593A50	SIZE A3
.0 ±0.2	±	MATERIAL :		REV 11	
.00 ±0.15	±	QTY :		/PART NO. SEE NOTE	
.000 ±0.075	±	FINISH :		DO NOT SCALE DRAWING	SHEET 1 OF 1
ANGLES ± 0.5		SCALE : 1.5 : 1			
THIRD ANGLE PROJECTION					

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1