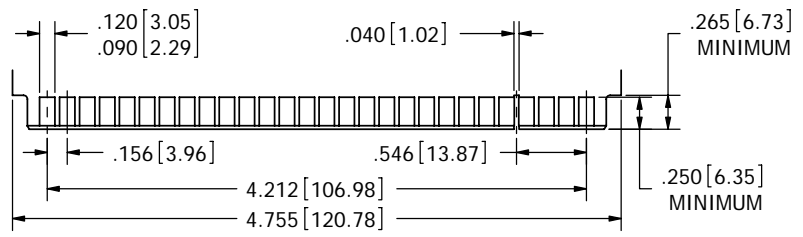
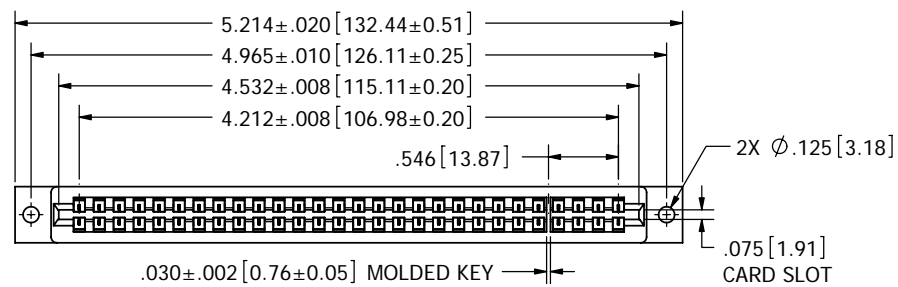


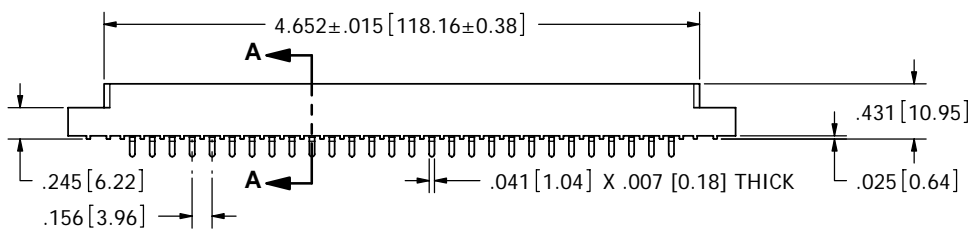
REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	1415	INITIAL RELEASE	7/2/2007	VJ



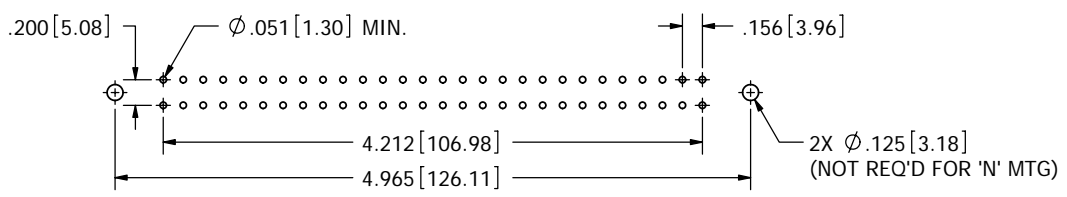
**DAUGHTER CARD LAYOUT**



**E \_ M28DRXH-S851**

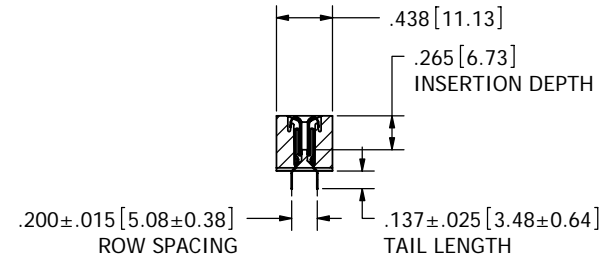
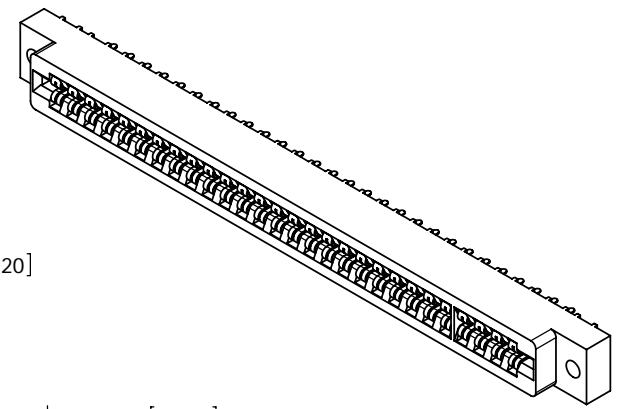
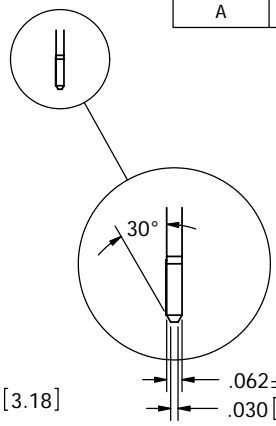


**E \_ M28DRXH-S851**

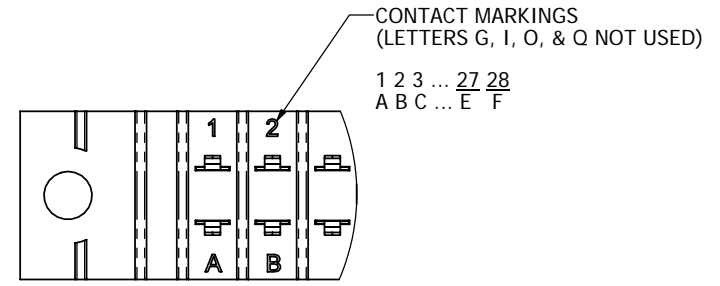


**PCB LAYOUT**

- NOTES:**
- INSULATOR MATERIAL: PBT
  - CONTACT MATERIAL: PHOSPHOR BRONZE
  - PLATING: SEE PART NUMBER CODING
  - OPERATING TEMPERATURE: -65°C TO +125°C @ 3 AMPS  
-65°C TO 105°C @ 5 AMPS
  - PROCESSING TEMP: 260°C FOR 10 SECONDS MAX.
  - UL FLAMMABILITY RATING: 94V-0.
  - VOLTAGE RATING: 1800 VDC MINIMUM AT SEA LEVEL.
  - VOLTAGE DROP: 30 MILLI VOLT AT RATED CURRENT.
  - INSULATION RESISTANCE: 5000 MEGA OHM.
  - CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A PART NUMBER AND BARCODE.
  - BOARD THICKNESS ACCOMMODATED: .062 ± .008 [1.57 ± 0.20].
  - BOARD INSERTION FORCE: 14 OZ MAX PER CONTACT PAIR WHEN USING A .062 [1.57] TEST BLADE.
  - INTERNAL INSPECTION TO BE PER SULLIN'S WORK INSTRUCTION W17.3-01.
  - BOARD WITHDRAWAL FORCE: 1 OUNCE MINIMUM PER CONTACT PAIR USING .062 [1.57] PCB.
  - MODIFICATION: .030 ± .002 [0.76 ± 0.05] THICK MOLDED KEY BETWEEN POS. 24 & 25.



**SECTION A-A**



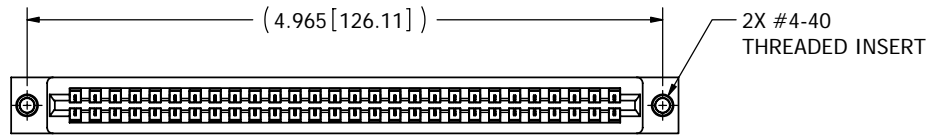
**CONTACT ID  
SCALE 4:1**

**CUSTOMER COPY**



RoHS COMPLIANT

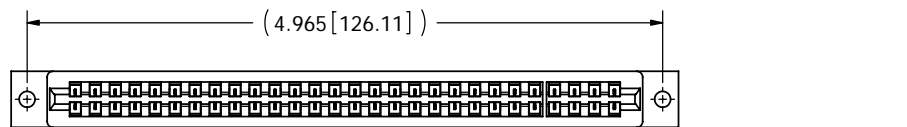
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES[MM]		DRAWN 7/2/2007   V. JARA		DATE 7/2/2007   NAME V. JARA	
TOLERANCES: ANGULAR: ± 1° XX ± .02 [ .508] .XXX ± .005 [ .1270] XXXX ± .0005 [ .0127] PARENTHETICAL INFORMATION IS FOR REFERENCE ONLY		THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.		DESCRIPTION <b>SULLINS ELECTRONICS</b>	
INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5-1984		SIZE C		DWG. NO. C10946	
		SCALE: 2:1.5		REV. A	
		SHEET 1 OF 2			



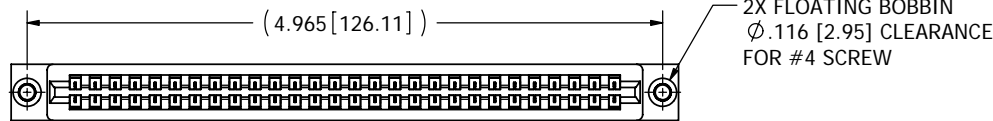
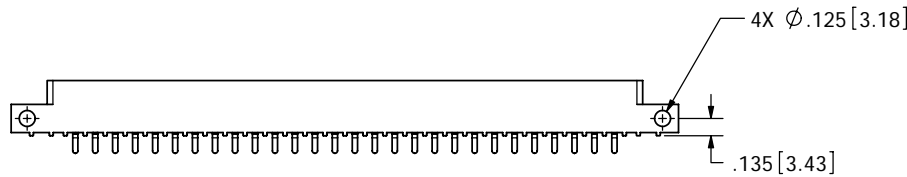
E\_M28DRXI-S851



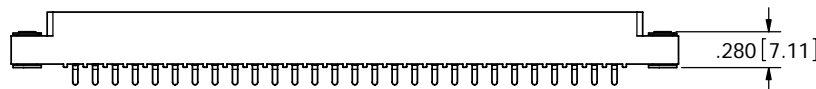
E\_M28DRXN-S851



E\_M28DRXS-S851



E\_M28DRXF-S851



**PART NUMBER CODING**  
E\_M28DRX\_-S851

**MOUNTING STYLE**

- H = .125" DIA. CLEARANCE HOLES (PAGE 1)
- I = #4-40 THREADED INSERT
- S = .125" DIA. SIDE MOUNTING
- N = NO MOUNTING EARS
- F = FLOATING BOBBIN

**PLATING**

ALL PLATINGS ARE LEAD FREE AND HAVE .000050" NICKEL UNDERPLATE

	CONTACT SURFACE	TERMINATION
G =	.000010" GOLD	.000005" GOLD
Y =	.000030" GOLD	.000005" GOLD
B =	.000010" GOLD	.000100" PURE TIN, MATTE
C =	.000030" GOLD	.000100" PURE TIN, MATTE
E =	.000100" PURE TIN, MATTE, OVERALL	
S =	.000010" GOLD OVERALL	
M =	.000030" GOLD	.000010" GOLD OVERALL

**CUSTOMER COPY**



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES[MM]		DATE	NAME	<b>SULLINS ELECTRONICS</b>
TOLERANCES: ANGULAR: $\pm$ 1° XX = $\pm$ .02 [ .508] .XXX = $\pm$ .005 [ .1270] .XXXX = $\pm$ .0005 [ .0127] PARENTHETICAL INFORMATION IS FOR REFERENCE ONLY		7/2/2007	V. JARA	
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INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5-1984		SIZE C	DWG. NO. C10946	SCALE: 2:1.5
		SHEET 2 OF 2		