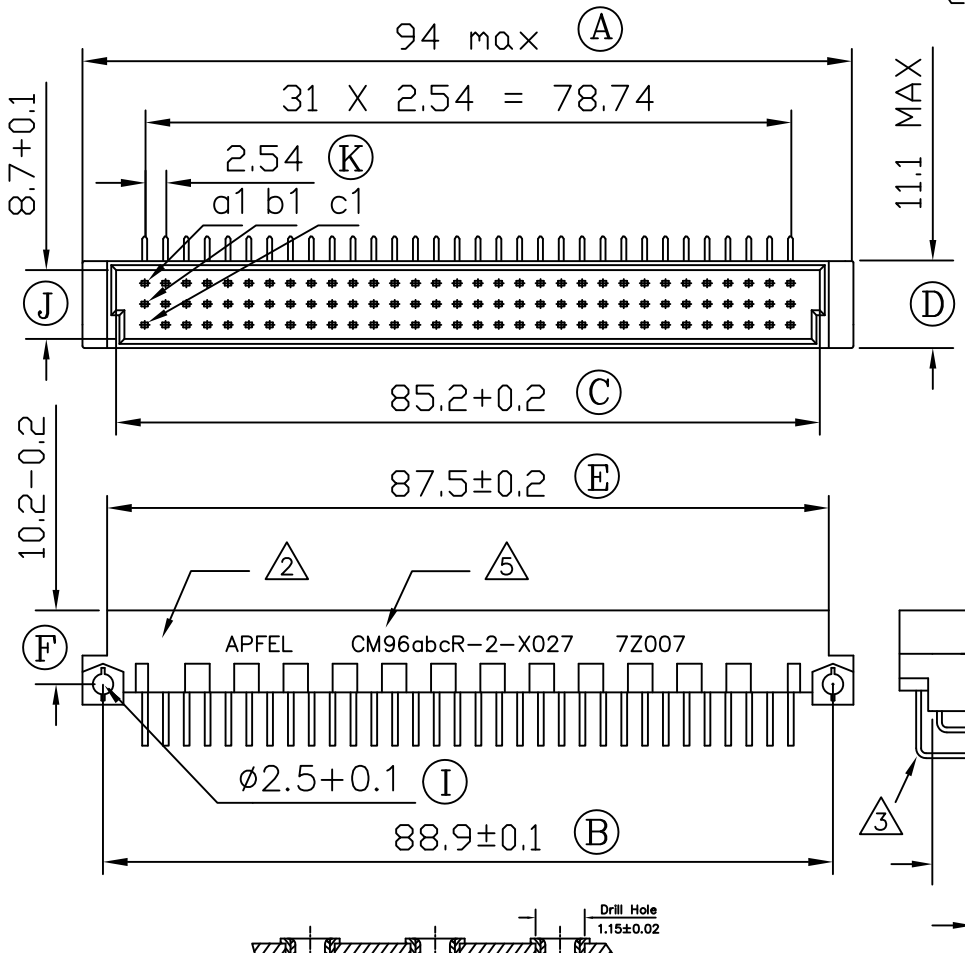
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
a	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	O	O	O	X	X	X	X	X	X	O	O	O	O	O
b	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	O	O	O	X	X	X	X	X	X	O	O	O	O	O
c	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	O	O	O	X	X	X	X	X	X	O	O	O	O	O

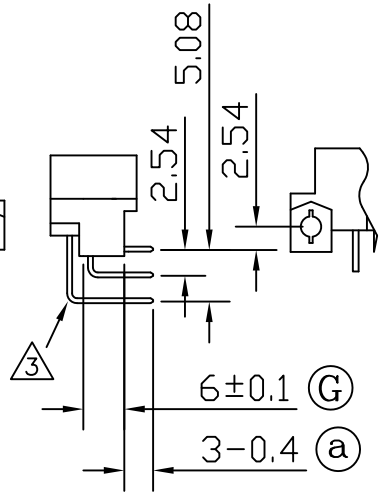
7

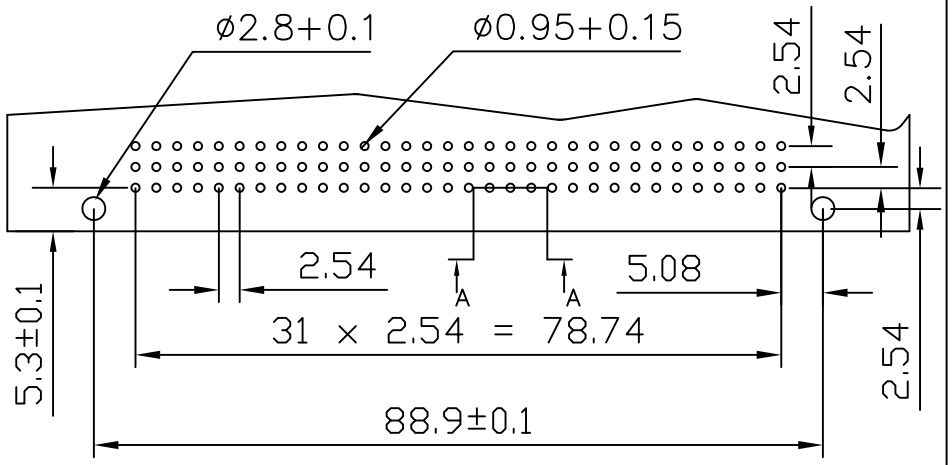
REV	DESCRIPTION OF REVISIONS	DATE	DRAWN	CHECKED
A	FIRST RELEASE	06/30/2009	A Chang	

NOTES :

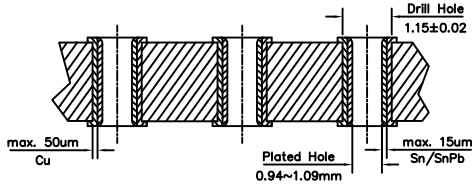
1. CONNECTOR MEETS REQUIREMENT OF DIN 41612
2. MATERIAL
   -HOUSING : GLASS-FILLED PBT, COLOR GREY, UL 94V-0
   -CONTACT : COPPER ALLOY
3. CONTACT TAIL DIMENSION
   -THICKNESS : 0.48 ±0.03mm
   -WIDTH : 0.48 ±0.03mm
   -TAIL LENGTH : 3 - 0.4mm
4. CONTACT FINISH (OPTION IN PART NUMBER)
   -1 : CLASS 1
   -2 : CLASS 2
   BLANK : CLASS 3
   -L : CONTACT LUBRICATED WITH LUBRICANT
5. CONNECTOR PRINTED WITH COMPANY NAME, PART NUMBER, AND BATCH NUMBER
6. MATING SIDE LENGTH
   STANDARD : 5.05-0.25mm
   EXTENDED : 5.60+0.2/-0.05mm
   SHORT : 4.25+0.1/-0.05mm
7. CONTACT ARRANGEMENT
   O : DENOTES A STANDARD CONTACT LENGTH
   X : DENOTES AN EXTENDED CONTACT LENGTH
   S : DENOTES A SHORT CONTACT LENGTH







RECOMMENDED PCB HOLE LAYOUT
COMPONENT SIDE
SCALE 1 : 1



RECOMMENDED HOLE SPECIFICATIONS
SECTION A-A
SCALE 6 : 1

DESCRIPTION : MALE, TYPE C, 96 CONTACTS,
RIGHT ANGLED SOLDER CONNECTORS
CUSTOMER DRAWING

PART NUMBER

NO.1	CM96abcR-1-X027	NO.4	CM96abcR-1L-X027
NO.2	CM96abcR-2-X027	NO.5	CM96abcR-2L-X027
NO.3	CM96abcR-X027	NO.6	CM96abcR-L-X027

APFEL

DRAWN A Chang	UNITS mm	ANGLE ±1°	MILLIMETRE X.XXX ±0.012, X.XX ±0.05, X.X ±0.1, X ±0.25
CHECKED	SCALE 1:1	REV A	DRAWING NO. A0911.DWG