

NOTES:

1. METALSHHELLS: STEEL; min. 315µin TIN over 40-80µin NICKEL
2. INSULATORS: HIGH TEMPERATURE PLASTIC UL 94 V-0; GREEN
3. HIGH POWER CONTACTS: COPPER ALLOY; min. 35A/pin @30°C TEMPERATURE RISE PLATING MATING AREA: 30µin HARD GOLD over min. 50µin NICKEL PLATING TERMINATION SIDE: 160-240µin TIN over 80µin NICKEL MALE CONTACT ON POS. A1 and A2
4. SIGNAL CONTACTS: COPPER ALLOY; 5A nominal PLATING MATING AREA: 30µin HARD GOLD over min. 50µin NICKEL MALE CONTACTS ON POS. 1 and 2, NO CONTACTS ON POS. 3, 4, 5
5. METAL BRACKET: ZINC DIE CAST; 300µin COPPER/40-120µin NICKEL/120-200µin TIN
6. THREADED INSERT: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
7. HEX BOLT: STEEL; NICKEL PLATED
8. WASHER: STEEL; NICKEL PLATED
9. FIXING PLATE: HIGH TEMPERATURE PLASTIC UL 94 V-0, BLACK
10. PCB-SNAP: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL PCB-HOLE: $\phi 3,1 \pm 0,1$ mm; PCB-THICKNESS: 1,6mm
11. MAXIMUM TORQUE VALUE FOR THREAD: 6" LBS
12. CONNECTOR IS PART MARKED: 13-000031 CONEC ABC

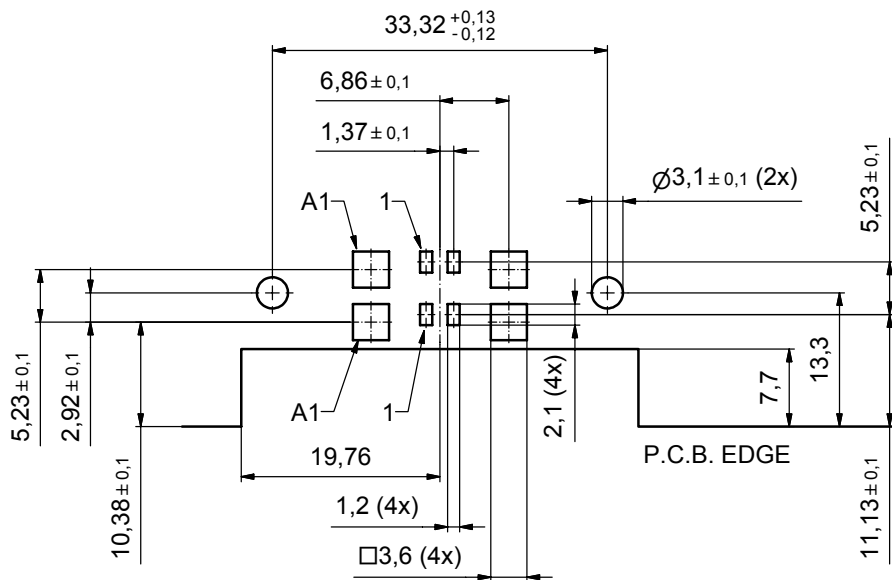
Directive 2002/95/EC
"RoHS"
Compliant

APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL	
CUSTOMER APPROVAL DATE:	
NAME:	TITLE:
COMPANY NAME:	
APPROVAL # FREIGABE # DEBLOCAGE # AUTORIZACION # APPROVAL	

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finish:	see notes
tolerance	ISO 2768-m
date	11.06.07
name	Schmidt
drawn	11.06.07
appd.	11.06.07
norm	
d-old	
a	Origin
rev.	description
	date
	name

scale:	2:1	
material:	see notes	
title:	SMD CONNECTOR 90° Male with threaded insert, metal bracket, fixing plate, snap and hex bolt	
dwg no:	Inventor 10	DIN-A3
	13K1A2056	sh: 1
part no:	13-000031	





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rev.	description	date	name
a	Origin		

finish:	see sheet 1	tolerance	ISO 2768-m	
drawn	11.06.07	date	Schmidt	
appd.	11.06.07	name	Koch	
norm				
d-old				

scale:	2:1	
material:	see sheet 1	
title:	P.C.B. LAYOUT SMD Connector 90° Male with threaded insert, metal bracket, snap, hex bolt	
dwg no:	Inventor 10	DIN-A3
	13K1A2056	sh: 2
part no:	see sheet 1	

