

Directive 2002/95/EC
RoHS
Compliant

NOTES:

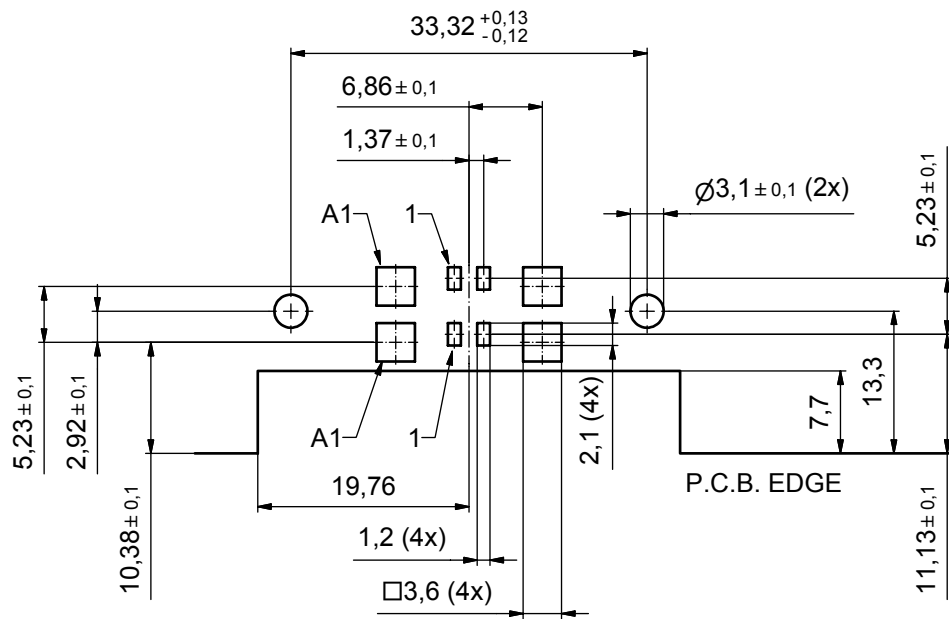
1. METALSHELLS: STEEL; min. 315µin TIN over 40-80µin NICKEL
2. INSULATORS: HIGH TEMPERATURE PLASTIC UL 94 V-0; GREEN
3. HIGH POWER CONTACTS: COPPER ALLOY; min. 35A/pin @30°C TEMPERATURE RISE
PLATING MATING AREA: 30µin HARD GOLD over min. 50µin NICKEL
PLATING TERMINATION SIDE: 160-240µin TIN over 80µin 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: $\varnothing 3,1 \pm 0,1$ mm; PCB-THICKNESS: 1,6mm
11. MAXIMUM TORQUE VALUE FOR THREAD: 6" LBS
12. CONNECTOR IS PART MARKED: 13-000031 CONEC ABC

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	name	
	drawn	11.06.07	Schmidt
	appd.	11.06.07	Koch
	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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finish:	see sheet 1			tolerance	ISO 2768-m
date				dim. in mm	
name				drawn	11.06.07 Schmidt
appd.				appd.	11.06.07 Koch
norm				d-old	
rev.	a	Origin		CONEC [®]	
description					

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	