



NOTES:

1. METALSHELLS: STEEL; min. 315µin TIN over 40-80µin NICKEL
2. INSULATORS: HIGH TEMPERATURE PLASTIC UL 94 V-0, BLACK
3. HIGH POWER CONTACTS 40A: COPPER ALLOY
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; 7,5A 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; 30µin 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. PCB-SNAP: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
PCB-HOLE: $\varnothing 3,1 \pm 0,1$ mm; PCB-THICKNESS: 1,6mm
10. P.C.B. HOLE DRILLINGS ON SHEET 2
11. CAPACITANCE:
HIGH POWER CONTACTS ARE FILTERED WITH 10nF $\pm 20\%$
SIGNAL CONTACTS NOT FILTERED
12. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VDC
13. MAXIMUM TORQUE VALUE FOR THREAD: 6" LBS
14. CONNECTOR IS PART MARKED: 24-000121 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	name	
	drawn	05.07.07	Schmidt
	appd.	05.07.07	Fischer
	norm		
	d-old		
a	Origin		
rev.	description	date	name

scale:	2:1		
material:	see notes		
title:			
MicroTCA Single Port 90° Power Module Input Connector Filter Male with threaded insert, metal bracket, snap, hex bolt			
dwg no:	Inventor 10		DIN-A3
	24K1A1026		sh: 1
part no:	24-000121		



