



NC5FBV1

This series not only stands out with its proven features such as a compact design, flame retardancy in accordance with UL94-V0, and excellent electrical performance but also incorporates an innovative, enhanced contact system. This new design offers additional advantages, particularly in terms of vibration resistance. Thanks to these improvements, the new products are perfectly suited to meet the demands of challenging applications, providing you with reliable solutions for your needs.

Features & Benefits

- ✓ Smallest XLR receptacles
- ✓ highest packing density
- ✓ New enhanced contact system
- ✓ Metal mounting flange featuring continuous circumferential ground contact to chassis for best EMC and RF protection
- ✓ Flame retardant (V0, halogen free)

Technische Informationen

Produkte	
Titel	NC5FBV1
Produktfamilie	xlrCON
Verbindungstyp	chassis connector
Geschlecht	female

Elektrisch

Kapazität zwischen Kontakten	$\leq 7 \text{ pF}$
Durchgangswiderstand	$\leq 12 \text{ m}\Omega$
Durchschlagsfestigkeit	1,5 kVdc
Isolationswiderstand	$> 10 \text{ G}\Omega$ (initial)
Nennstrom pro Kontakt	3 A
Nennspannung	50 VAC
Erdungsoptionen	Separate ground contact connected to mating connector shell and front panel, no connection to Pin 1

Mechanische Daten

Einsteckkraft	$\leq 20 \text{ N}$
Aussteckkraft	$\leq 20 \text{ N}$
Lebensdauer	min. 1000 mating cycles
Verriegelung	Latch lock
Anschlussart	Vertical PCB mount
Gehäuseform	B
Einbaurichtung	rear mounting
Mounting	A-Screw

Material	
Kontakte	Bronze (CuSn6)
Kontaktbeschichtung	partial gold / Ni / Tin
Einsatz	PA66
Verriegelungselement	Steel Ck67
Verriegelungselement Beschichtung	Nickel
Ring	Zinc diecast (ZnAl4Cu1)
Ring plating	Nickel

Umwelt	
Entflammbarkeit	UL 94 V0
Normenkompatibilität	IEC 61076-2-103
Lötbarkeit	Complies with IEC 60068-2-20
Temperaturbereich	-30 °C to +80 °C