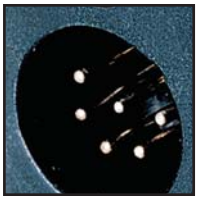


Smallest available flange mounted XLR receptacle.



Available in 3-6 pin contact arrangements.



Female connector availalble exclusively without latch.



All plastic one piece shell male and female use same cutout.

P Series



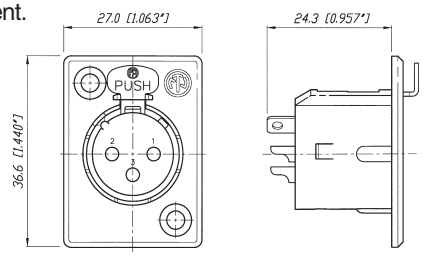
NC4FP-1



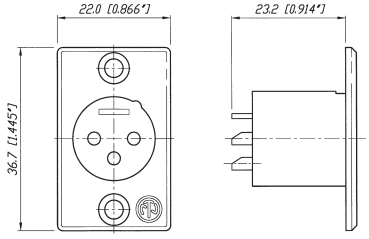
NC6MP-B

- Male and female available in 3-6 pin configurations; 7 pin versions available in female only.
- Smallest available hard wiring receptacles with large solder cups.
- Male and female use different mounting hole dimensions and do not fit in same mounting hole.
- Front mountable only.
- One piece version – insert is NOT removable from shell.
- Short female receptacle.
- Compatible with Switchcraft DxM, DxF; Cannon XLRx31, XLRx32.
- 6 pole version available with Switchcraft contact arrangement.

NC4FP-1



NC3MP



PP Series



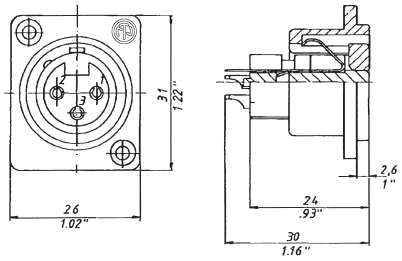
NC3FPP



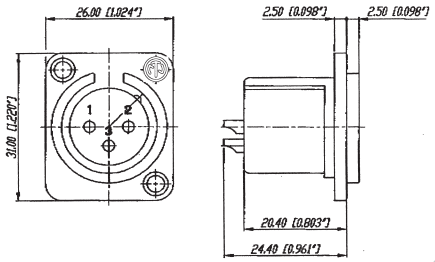
NC3MPP

- Male and female available in 3 pin solder cup configurations.
- Female receptacle is latchless.
- Shell is all plastic.
- Male and female mount in same hole cutout.
- Cost effective.
- Accessories include dust covers (SCDF/M) and color coding (DSS-color).
- Can be converted from solder to PCB mount using optional PPCB-H or PPCB-V adapters.

MC3FPP



MC3MPP



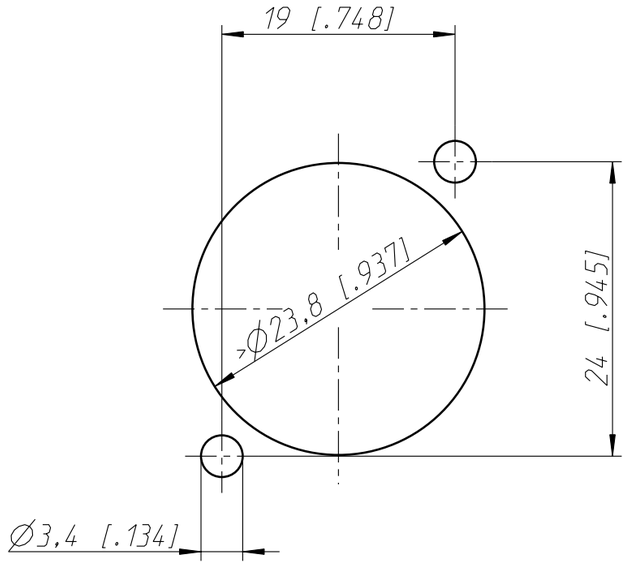
Specifications			A Series	AA Series	B Series	BA Series	D Series	DL1 Series	DS Series	DLX Series	DLX Crimp
Electrical											
Number of contacts:			3 – 5	3	3 – 5	3	3	3 – 7	3	3 – 7	3
Contact Resistance:	male/female:	≤ 3 mΩ/≤ 5 mΩ	●	≤ 8 mΩ	●	●	●	●	●	●	●
Insulation Resistance:	Initial:	> 2 GΩ	●	●	●	●	●	●	●	●	●
	After damp heat test:	> 1 GΩ	●	●	●	●	●	●	●	●	●
Dielectric Strength:		1500 V dc	●	●	●	●	●	●	●	●	●
Rated voltage:		50 V ac	●	●	●	●	●	●	●	●	●
Rated current per contact	3 pole:	16 A	6 A	6 A	6 A	6 A	6 A	●	10 A	●	1 A
	4 pole:	10 A	4 A	—	4 A	—	—	●	—	●	—
	5, 6 pole:	7.5A	3 A	—	3 A	—	—	●	—	●	—
	7 pole:	5 A	—	—	—	—	—	●	—	●	—
Capacitance between contacts											
	3 pole:	≤ 7 pF	●	●	●	●	≤ 4 pF	≤ 4 pF	≤ 4 pF	≤ 4 pF	≤ 4 pF
	4, 5, 6 pole:	≤ 7 pF	●	—	●	—	—	●	—	●	—
	7 pole:	≤ 9 pF	—	—	—	—	—	●	—	●	—
Mechanical											
Lifetime > 1'000 insertion / withdrawal cycles			●	●	●	●	●	●	●	●	●
Insertion/withdrawal force		≤ 20 Newtons (N)	●	●	●	●	●	●	≤30/ ≥10	●	●
Retention method:	standard:	latch lock	●	●	●	●	●	●	●	●	●
latchless	"O" Version:	≥ 20 N separating force	●	●	●	●	●	●	—	●	●
Termination Type:		Solder Terminals	—	—	—	—	—	●	—	●	●
		PC Board Mount	●	●	●	●	●	—	—	—	●
		IDC	●	—	●	—	—	—	—	—	●
		Screw Terminals	—	—	—	—	—	—	●	—	●
Materials											
Shell:	Zinc diecast	(ZnAl4Cu1)	—	—	—	—	●	●	—	●	●
		(gal Ni or black Cr)	—	—	—	—	●	●	●	●	●
Insert:	Polyamide	PA 6.6 30% GR	●	●	●	●	●	●	●	●	●
Ring:	Zinc diecast	(ZnAl4Cu1)	—	—	●	●	—	—	—	—	—
Contacts female	3 pole:	Bronze (CuSn6)	●	●	●	●	●	●	●	●	●
female	4 - 7 pole:	Brass (CuZn39Pb3)	●	●	●	●	●	●	—	●	—
	all male:	Brass (CuZn39Pb3)	●	●	●	●	●	●	—	●	●
Contact surface:											
Gold: gal 0.2 µm AuCo over 2 µm NiP15 (Tribor®)			●	●	●	●	—	—	—	—	—
Gold: gal 0.2 µm Au hard alloy over 2 µm Ni			—	—	—	—	●	●	●	●	●
Silver: gal 2 µm Ag			—	—	—	—	●	●	—	●	●
Latch lock & spring:		Ck 67 steel, treated	●	●	●	●	●	●	●	●	●
Environmental											
Operating temperature:		-30° C to +80° C	●	●	●	●	●	●	●	●	●
Flammability:		UL 94 HB	●	●	●	●	●	●	●	●	●
		UL 94 V-0	3 pole	—	3 pole	—	—	—	—	—	—
Protection class:		IP 40	●	●	●	●	●	●	●	●	●
Solderability complies with IEC 68-2-20			●	●	●	●	●	●	—	●	●
Mounting screw:			A-Screw	A-Screw	1	A-Screw	—	—	—	—	—
Color coding:			ACR –*	—	—	ACR –*	DSS	DSS	DSS	DSS	DSS

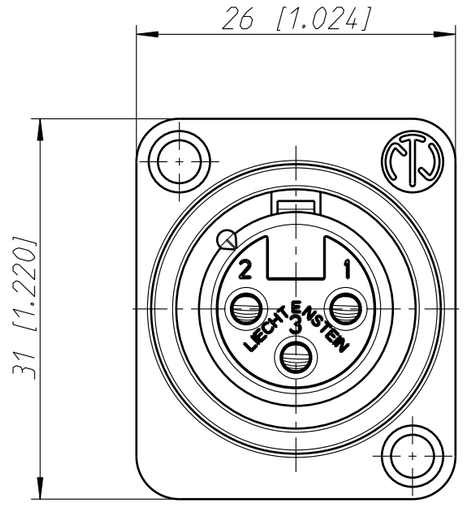
1 ..... B Series 3 pole connectors: B-Screw-1-8; 4 & 5 pole versions: A-Screw-1-8

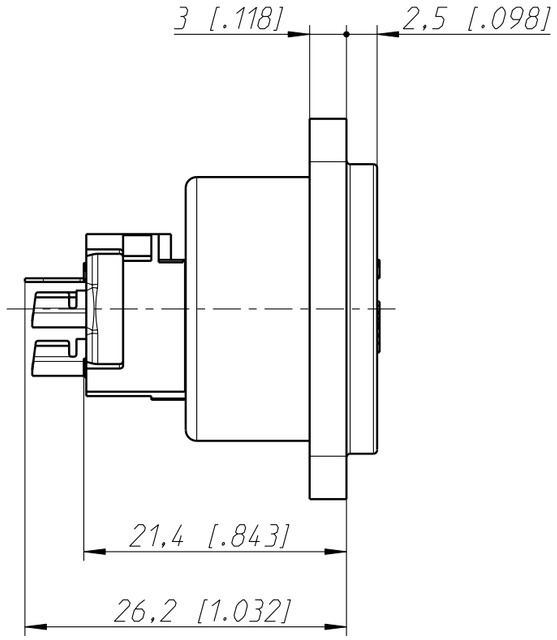
Specifications			DM3 Series	MPR-HD Series	NC3FIP (not pictured)	P Series	PP Series	Combo Series	Combo A Series
Electrical									
Number of contacts:			4 – 5	3 – 5	3	3 – 7 (6**)	3	5 – 10	3/3
Contact Resistance:		≤ 5 GΩ	●	●	≤ 6 mΩ	●	●	≤ 10 mΩ	≤ 10 mΩ
Insulation Resistance:	Initial:	> 2 GΩ	●	●	●	●	●	●	●
	After damp heat test:	> 1 GΩ	●	●	●	●	●	> 0.5 GΩ	●
Dielectric Strength:		1500 V dc	●	●	●	●	●	●	●
Rated voltage:		50 V ac	●	●	●	●	●	●	●
Rated current per contact	3 pole:	16 A	—	●	●	●	●	—	3 A
	4 pole:	6 A	10 A	10 A	—	10 A	—	—	—
	5, 6 pole:	3 A	7.5 A	7.5 A	—	7.5 A	—	—	—
	7 pole:	5 A	—	—	—	●	—	—	—
	Combo XLR + Jack contacts	7.5 A	—	—	—	—	—	●	●
Capacitance between contacts									
	3 pole:	≤ 7 pF	—	≤ 4 pF	●	≤ 4 pF	●	> 2 pF	> 2 pF
	4, 5, 6 pole:	≤ 7 pF	●	●	—	●	—	—	—
	7 pole:	≤ 9 pF	—	—	—	●	—	—	—
Mechanical									
Lifetime > 1,000 insertion / withdrawal cycles			●	●	●	●	●	●	●
Insertion/withdrawal force		≤ 20 Newtons (N)	●	●	●	●	●	● 25 N	●
Retention method:	standard:	latch lock	●	●	—	●	—	●(XLR)	●(XLR)
Latchless	"O" Version:	≥ 20 N separating force	—	●	● >10 N	●	●	● 25 N	● 25 N
Termination Type:		Solder Terminals	—	●	—	●	●	●	●
		PC Board Mount	●	—	●	—	—	●	●
Materials									
Shell:	Zinc diecast	(ZnAl4Cu1)	●	●	—	●	—	—	—
		(gal Ni or black Cr)	●	Ni plated	—	●	—	—	—
Insert:	Polyamide	PA 6.6 30% GR	●	●	●	●	●	●	●
Ring:	Zinc diecast	(ZnAl4Cu1)	—	—	—	—	—	—	—
Contacts female	3 pole:	Bronze (CuSn6)	—	—	●	●	●	●	●
female	4 - 7 pole:	Brass (CuZn39Pb3)	●	—	—	—	—	—	—
	all male:	Brass (CuZn39Pb3)	●	●	—	●	●	—	—
Contact surface:									
	Gold: gal 0.2 µm AuCo over 2 µm NiP15 (Tribor®)		—	—	—	—	—	●	●
	Gold: gal 0.2 µm Au hard alloy over 2 µm Ni		●	●	●	●	●	—	—
	Silver: gal 2 µm Ag		●	—	—	●	—	—	—
Latch lock & spring:		Ck 67 steel, treated	●	—	●	●	●	●	●
Environmental									
Operating temperature:		-30° C to +80° C	●	●	●	●	●	●	●
Flammability:		UL 94 HB	●	●	●	●	●	●	●
		UL 94 V-0	—	—	—	—	—	—	—
Protection class:		IP 40	●	IP 65	—	●	●	●	●
Solderability complies with IEC 68-2-20			●	●	●	●	●	●	●
Mounting screw:			M3	—	—	—	—	A-Screw	A-Screw
Color coding:			●	—	—	—	●	—	—

**..... P Series male 3 – 6 pole

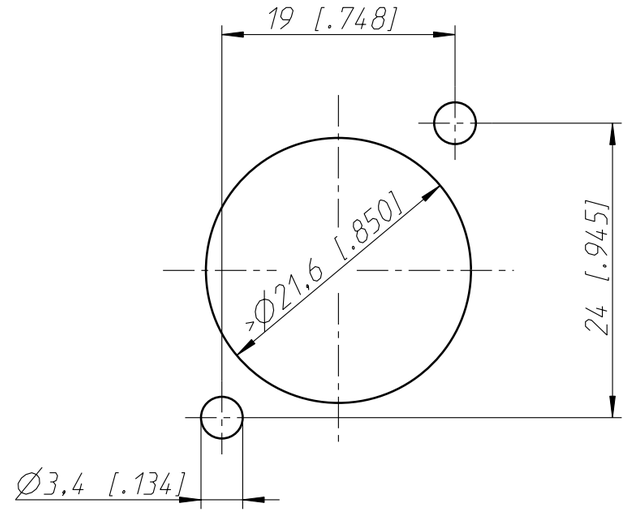
Frontplattenausschnitt (Montage von hinten)
Panel cut out (Panel-mounting otion rear side)







Frontplattenausschnitt (Montage von vorne)
Panel cut out (Panel-mounting otion front side)



Allgemeintoleranzen ISO 2768-m	Werkstoff	Massstab:		Datum	Name
			Gezeichnet	20.04.88	Martinek
Zeichnung urheberrechtlich geschuetzt (DIN 34) (C)	-	2:1	Freigegeben	-	-
	-	(A3)	Geaendert	30.10.06	Mijatovic
Benennung NC3FPP			Aend.-Nr. -		Aend.-Index C
NC3FPP			Ersatz fuer: 3102St1201		Blatt 1 von 1 Bl.
NEUTRIK AG FL-9494 SCHAAN			Zeichn. Nr. ST-NC3FPP		