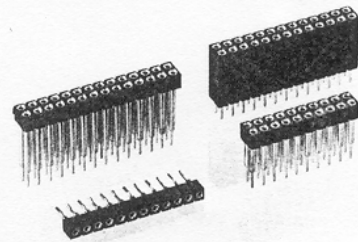


### "Hard metric" PCB socket connectors, solder tail

#### Technical Specs (General specs see page 17):

Insulator:	Black glass filled polymer LCP-GF30-FR (PCT-GF30-FR for 833...10-457101)
Flammability:	UL 94V-O
Sleeve:	Brass CuZn36Pb3 (C36000)
Contact clip (4 finger):	Beryllium copper (C17200)
Mating pins:	Ø 0.40 to 0.56 mm, $\nabla$ 0.50 mm
Forces:	(polished steel gauge Ø 0.43 mm)
- Insertion	2 N typ.
- Withdrawal	1 N typ.
Mechanical life:	min 500 cycles
Rated current:	3 A
Contact resistance:	max 10 mΩ
Dielectric strength:	min 1000 V RMS

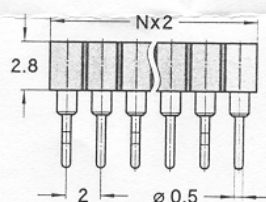
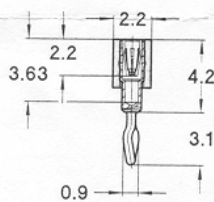


#### Ordering information RoHS compliant parts

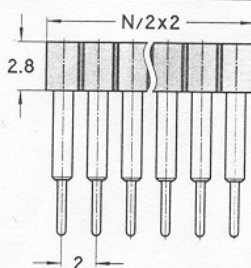
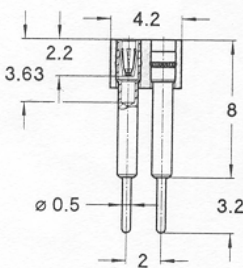
PP Plating code	Sleeve	Clip
87	Tin	Gold flash
83	Tin	Gold 0.75 µm

Other plating on request see page 146 for plating specs

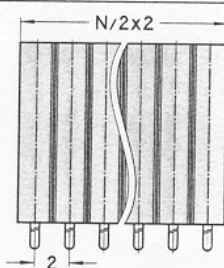
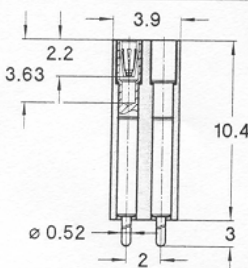
**NNN number of poles.** Replace **NNN** with the requested number of poles, e.g. 833-87-**NNN**-10-453101 for a double row version with 16 pins becomes 833-87-**016**-10-453101



831-PP-NNN-10-230101 Straight socket connector height 4.2 mm: with clinched (right/left) solder tails, single row  
Availability from: 3 to 50 contacts  
Standard number of contacts 50

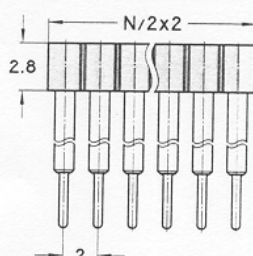
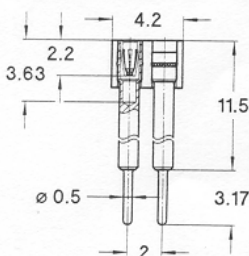


833-PP-NNN-10-453101 Straight socket connector height 8 mm: solder tail, double row  
Availability from: 4 to 100 contacts  
Standard number of contacts 100



833-PP-NNN-10-457101 Straight socket connector height 10.4 mm: solder tail, double row  
Availability from: 4 to 50 contacts  
Standard number of contacts 50

X 3013950



833-PP-NNN-10-287101 Straight socket connector height 11.5 mm: solder tail, double, low profile  
Availability from: 4 to 100 contacts  
Standard number of contacts 100