

# MHCP SERIES

## Push-pull connectors



### FEATURES:

- Cable & panel mount options
- 2 - 34 pins, depending on series
- Precision machined contacts capable of carrying 1 – 30A (depending on insert configuration)
- 360° EMI/RFI shielding (metal series)
- IP50 / IP68 rated\*
- Fully compatible with existing industry solutions



\* Cable mount connectors IP68-rated when correctly assembled with a highly impervious seal to a uniformly circular cable.

### ORDER CODE:

EXAMPLE PART NUMBER: MHCP1B02PS50S

<b>MHCP</b>		<b>1B</b>	<b>02</b>	<b>P</b>	<b>S</b>	<b>50</b>	<b>S</b>
SERIES		CONFIGURATION	NO. CONTACTS (02-34)	TERMINATION TYPE		CABLE CODE See drawing for cable entry diameter	STRAIN RELIEF (BOOT)
00	SIZE MINIATURE			S	SOLDER CUP		
1P/2P	SIZE + PLASTIC IP50			D	SOLDER PIN		
0K/1K/2K	SIZE + K-SERIES IP68						
0T/1T/2T	SIZE + T-SERIES IP68						
0B/1B/2B	SIZE + B-SERIES IP50						
		MOUNTING TYPE					
		P	CABLE MOUNT PLUG				
		F	CABLE MOUNT SOCKET				
		S	PANEL MOUNT SOCKET				
		R	RIGHT ANGLE SOCKET				
				S	COMPATIBLE (supplied with boot)		
				BLANK	NOT COMPATIBLE		

### TECHNICAL SPECIFICATION:

SHELL	CHROMIUM PLATED BRASS OR PSU PLASTIC
CONTACTS	MACHINED COPPER ALLOY, FULL GOLD FLASH
POWER RATING	UP TO 30 AMPS DEPENDING ON INSERT CONFIGURATION
INSULATOR RESISTANCE	5 GΩ
SHIELDING	75dB (10MHz) 40dB (1GHz)
VIBRATION	15g (10Hz ~ 2000Hz)
SHOCK RESISTANCE	100g (6ms)
MATING CYCLE	>5,000 (METAL), >1,000 (PLASTIC)
OPERATING TEMP. RANGE	-55°C ~ +200°C (METAL), -55°C ~ +150°C (PLASTIC)

**Simple. Complex. Critical.**

Established technologies you can trust.