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UNLESS OTHERWISE SPECIFIED TOLERANCES
ON DECIMAL IS: ANGLE
UNIT: MM X.
X.X

1) Product main performance:

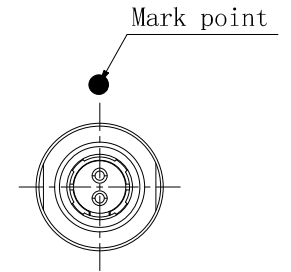
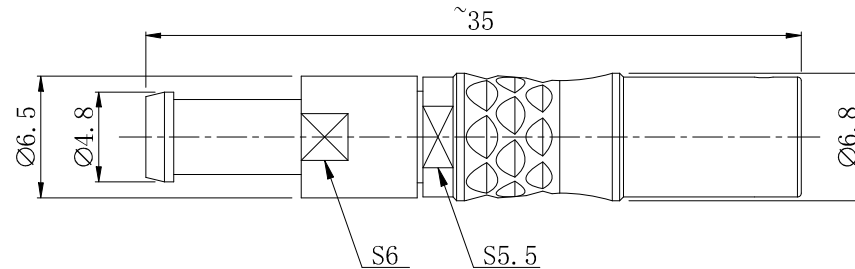
Operating Temperature: -55°C~200°C
Humidity(max): <=95% [at 60 deg C / 140 F]
Shielding: 75dB(10MHz) 40dB(1GHz)
Salt Spray Corrosion: 96hr
P op (max): 60 bar (870 psi)

Mechanical data:

Vibration: 15g[10Hz~2000Hz]
Shock Resistance: 100g[6ms]
Endurance (Shell): 5000+

Other Specification:

Contact PIN: gold plated Tin bronze
Housing Material: chrome plated brass
Other metal spare parts: nickel plated brass
Insulator material: PPS
IP Rating: IP50
*ALL MATERIALS ARE RoHS COMPLIANT



MHCP00xxFSxxS

Pin Configuration — Cable code

Pin Configuration	02	03	04	05	07
Pin Number					
Pin Size (mm)	0.5	0.5	0.5	0.35	0.3
Withstand voltage (V) (AC)	850	750	750	650	350
Rated Current (A)	5.0	3.0	2.0	1.5	0.5
Insulation resistance (MΩ)	≥5000MΩ (500V (DC))				
R (max) (mΩ)	≤15	≤15	≤15	≤20	≤25
AWG (max) Stranded Wire	28	28	28	28	30

Cable code (mm)	Cable diameter/ (mm)	
	Min	Maxi
10	2.0	2.5
20	2.1	3.0
30	2.4	3.3

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DRAWN E.P. DATE 23-10-23

APPROVED S.R. DATE 23-10-23

SCALE NA SHEET OF 1 OF 1 REV: 2

DRAWING No MHCP00xxFSxxS



THIS SERIES FULLY CONFORMS TO THE EUROPEAN UNION DIRECTIVES 2015/863/EU AND 2011/65/EU FOR RoHS COMPLIANCY.



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