

MK41 SERIES:

METAL HOUSING

WATERPROOF

CIRCULAR ELECTRIC CONNECTOR CATALOGUE

BRIEF INTRODUCTION

- Quick bayonet locking coupling system.
- Metal housing, with EMI shielding function.
- Environment protection grade IP68(under 1m water for 24h, the insulation resistance can meet requirement).
- 2 types of contacts arrangement: 8 cores、 12 cores.
- 16# Standard removable crimped contacts.
- 5 types of housing colour: black/red/yellow/blue/green.



APPLICATIONS

This series connector are mainly used for signal transmission which need waterproof environment.

MAIN TECHNICAL CHARACTERISTICS

Electrical performances		Environmental performances	
Current rating	≤13A	Operating temperature	-40℃ ~ +125℃
Withstanding voltage	2000V,RMS,60Hz	Vibration	10 ~ 500Hz,100m/s ²
Insulation resistance	≥5000MΩ @100V DC	Salt spray	96h
Mechanical performances		Other performances	
Durability	500 cycles	Adaptive wire size	Standard #20 AWG

PART NUMBER DESCRIPTION

Series name	MK41-	12	08	T	K	(BK)	-01
Shell size	12、 14						
Contact arrangement	08、 12						
Structure type	T-Plug	Z-Receptacle					
Contact	J- Crimped gold plating pin		K-Crimped gold plating socket				
Colour	(BK) –black、 (RE)-red、 (YE)-yellow、 (GR)-green、 (BL)-blue						
Variations code	-01	-02	-03		

Part number examples:

MK41 series 8 cores connector, plug loaded with gold plating sockets, black colour, Then the plug P/N is:

MK41-1208TK(BK)-01 Receptacle loaded with gold plating pins, black colour,

Then the receptacle P/N is: MK41-1208ZJ(BK)-01

Note:

If customer need special requirements(such as more poles contacts、 different housing plating、 with cable type、), pls consult our engineer, we can customize all kinds of special variations of this series.

ORDERING INFORMATION

The removable tool and crimping tool should be ordered separately, the detailed information as following:

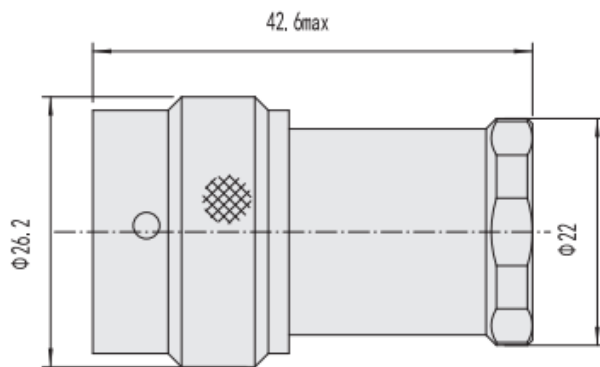
1. Applicable removable tool P/N: QX-02
2. Applicable crimping tool P/N: YDXY-02
3. Applicable positioned P/N: DWQ-35



APMA

OUTLINE DIMENSIONS

MK41-1208TK(BK)/(YE)/(RE)/(BL)/(GR)-01

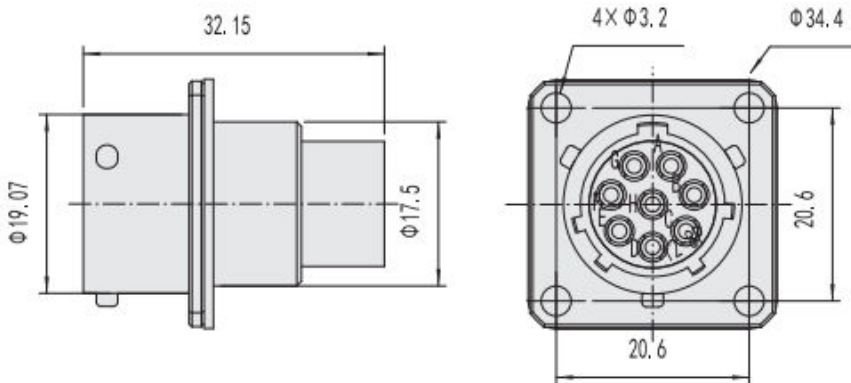


2D DRAWING

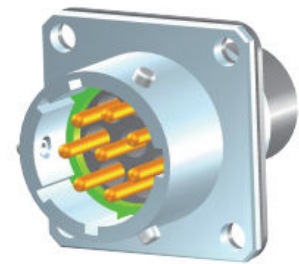


3D DRAWING

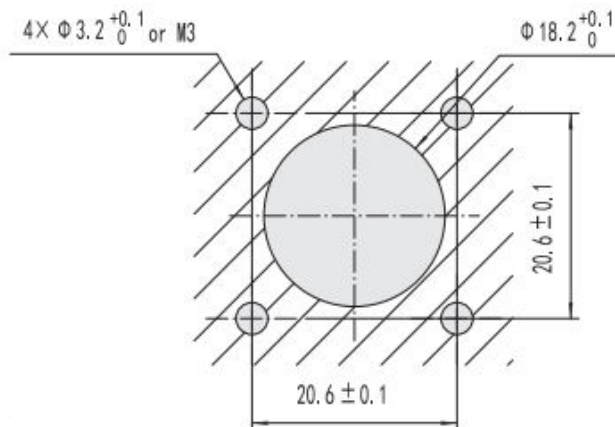
MK41-1208ZJ(BK)/(YE)/(RE)/(BL)/(GR)-01



2D DRAWING



3D DRAWING

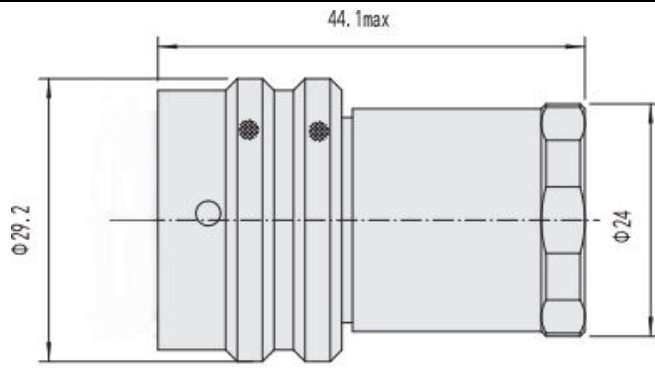


RECOMMEND PANEL CUT-OUT



APMA

MK41-1412TK(BK)/(YE)/(RE)/(BL)/(GR)-01

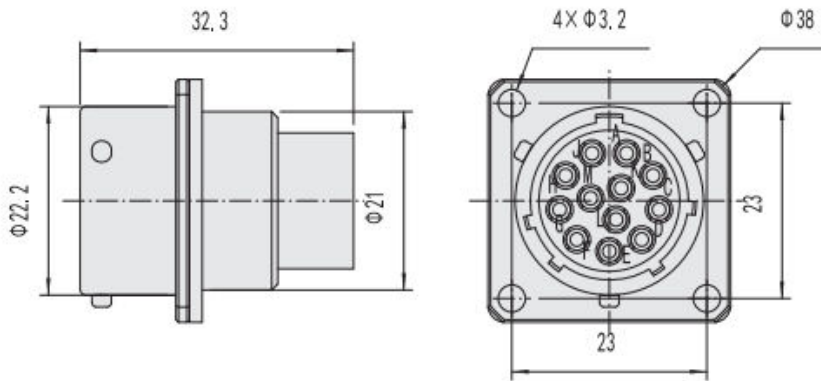


2D DRAWING



3D DRAWING

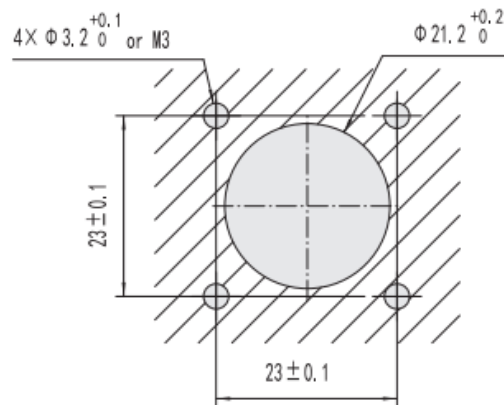
MK41-1412ZJ(BK)/(YE)/(RE)/(BL)/(GR)-01



2D DRAWING



3D DRAWING



RECOMMEND PANEL CUT-OUT