

Connector Solutions M40 Series

STEP 1
Choose Plug

STEP 2
Choose Receptacle

STEP 3
Choose Backshell/Cord Grip

See page 20 for connector configurations

Plugs



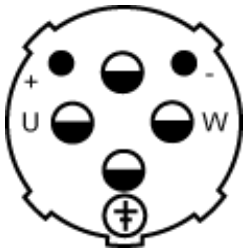
MC2UPN0600

Receptacles



MC2LKN0600

MC2NJN0600



Receptacle Extension



MC2JJN0600

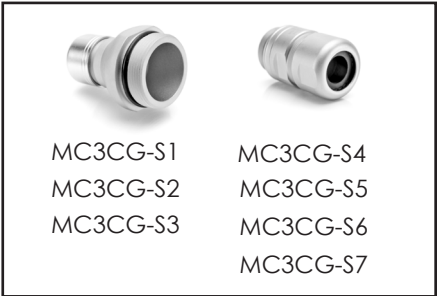
FlexGrip™ Backshell System



MC4FSR-C18.5

more about FlexGrip™
on page 282

Cord Grips



MC3CG-S1

MC3CG-S4

MC3CG-S2

MC3CG-S5

MC3CG-S3

MC3CG-S6

MC3CG-S7

Connector Part Numbers

Part Number	Connector Type	Contact Type male = pin female = socket	Figure Drawings
MC2UPN0600	Plug, straight, Checkmate™	Socket†	1
MC2JJN0600	Receptacle extension, straight, Checkmate™	Pin	2
MC2NJN0600	Receptacle, 90° fixed, Checkmate™	Pin	3
MC2LKN0600	Receptacle, straight, Checkmate™	Pin	4

Contacts supplied separately, see page 252

Cord Grips and Backshells

Part Number	Type	Cable Range (mm)	Figure Drawings
MC4FSR-C18.5*	Flex Grip™ backshell	17.5-18.5mm	6
MC3CG-S1	Cord grip	10.0-12.0mm	7
MC3CG-S2	Cord grip	12.0-14.5mm	7
MC3CG-S3	Cord grip	14.0-17.0mm	7
MC3CG-S4	Cord grip	17.0-19.0mm	8
MC3CG-S5	Cord grip	19.0-21.0mm	8
MC3CG-S6	Cord grip	21.0-23.0mm	8
MC3CG-S7	Cord grip	23.5-25.5mm	8

*Must be potted to achieve IP67 ratings.

BULK CABLE starts on page 23

SEE TABLE ON NEXT PAGE FOR PART DETAILS

CONTACTS SOLD SEPARATELY SEE PAGE 252



6 (4+2) POSITIONS
Power 75A/ 630V
Signal 30A/ 250V
Checkmate™

Number of Contacts: 6 (4+2) Contact Sizes: 2.0mm, 3.6mm Sealing: IP66/67
AWG: 18-14 (0.75 - 2.5 mm²) 12-8 (4.0 - 10.0 mm²)

Dimensions Plug / Cable Connector / Receptacles

Plug, straight, Checkmate™

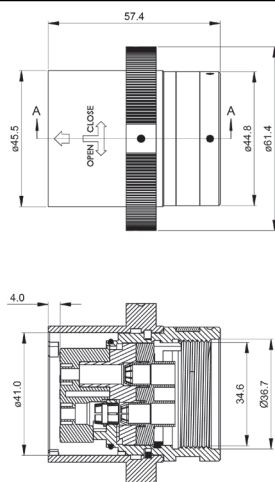


Figure 1 MC2UPN0600

Receptacle extension, straight, Checkmate™

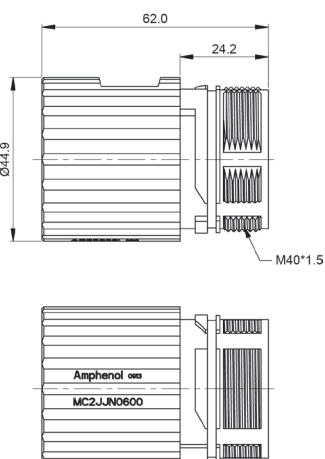


Figure 2 MC2JJN0600

Receptacle, 90° fixed, Checkmate™

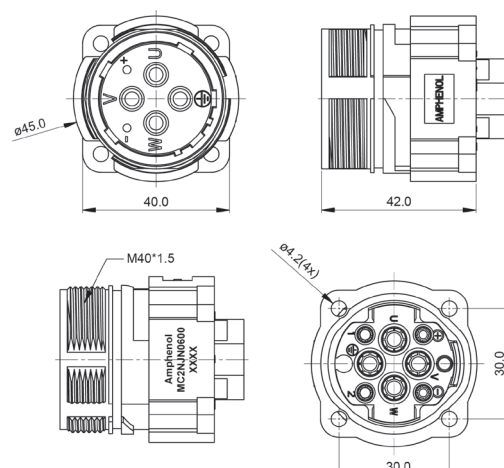


Figure 3

MC2NJN0600

Receptacle, straight, Checkmate™

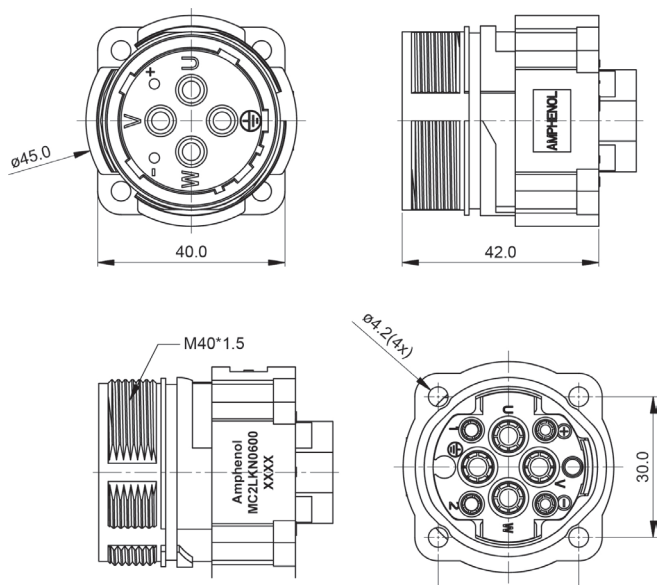


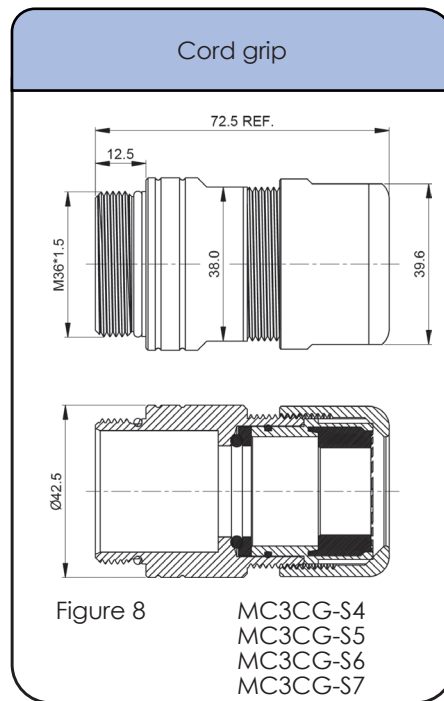
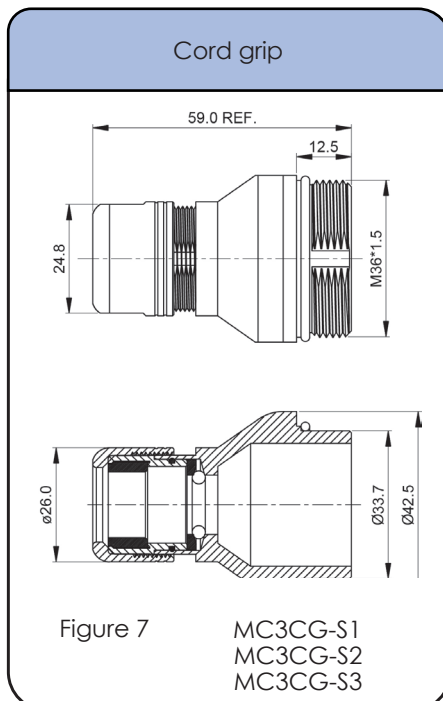
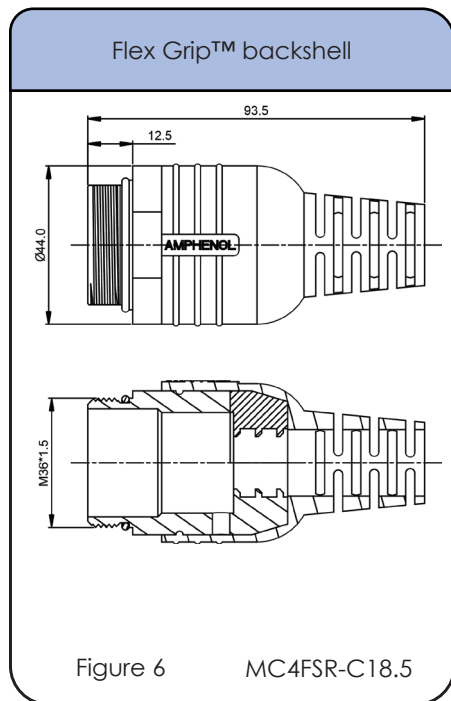
Figure 4

MC2LKN0600

Complete datasheets can be found at www.amphenol-sine.com

Number of Contacts: 6 (4+2) Contact Sizes: 2.0mm, 3.6mm Sealing: IP66/67
AWG: 18-14 (0.75 - 2.5 mm²) 12-8 (4.0 - 10.0 mm²)

Dimensions Cord Grips



Contacts



Crimp Contacts, Machined

Part Number	Size	Pin/Socket	AWG	mm ²	Plating
SC000040	2.0mm	Pin	18-14	0.75 - 2.5	Gold
SC000041	3.6mm	Pin	12-8	4.0 - 10.0	Gold
SC000045	2.0mm	Socket	18-14	0.75 - 2.5	Gold
SC000046	3.6mm	Socket	12-8	4.0 - 10.0	Gold

Complete datasheets can be found at www.amphenol-sine.com



6 (4+2) POSITIONS
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Tools

Extraction tool. Used for removal of 2.0mm (#14) contacts from inserts. 50-54931-2	Extraction tool. Used for removal of 3.6mm (#8) contacts from inserts. 50-54931-3	Universal hand crimp tool. Uses universal positioner part no. UH2-5. Wire crimp range 12-26AWG AF8
Universal positioner is used with the universal hand crimp tool (AF8). Wire range 12-26AWG UH2-5	Pneumatic crimp tool. Uses universal positioner part no. WA23-101DA WA23	Pneumatic crimp tool. Uses universal positioner part no. UH2-5. Wire range 12-26WG WA27F
Die Assembly, Size 10, is used with the Pneumatic crimp tool. WA23 WA23-101DA	Hand Crimp tool. Uses MFX-3966 crimp locator M300-25A	Crimp Locator 3.6mm Power contact adjustable. Used with WA23 Crimp tool MFX-3961
Contact Locator Tool MFX-3966		

* The universal positioner is not included with the crimp tools and must be ordered separately.