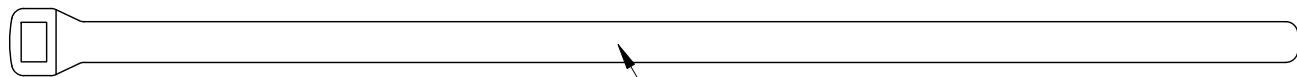
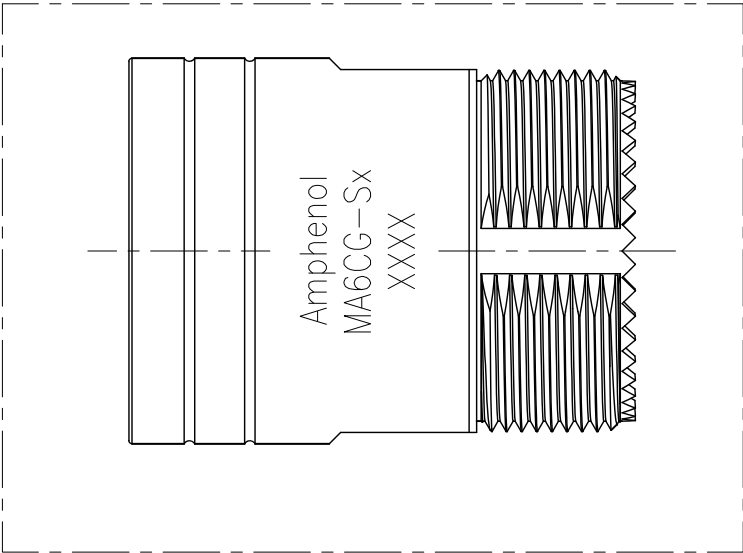


		Cable OD Range
1	MA6CG-S1	4.5~7.5 mm
2	MA6CG-S2	7.5~11.0 mm
3	MA6CG-S3	11.0~15.0 mm



NYLON CABLE TIES

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DWG FORMAT	Jul. 22, 2014	Drack	Tommy
A2	-	ADD THE CABLE TIES	Jun. 27, 2015	Drack	Tommy



NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
EMI SHIELDING RING: SPRING STEEL
SEAL: EPDM
HOUSING BODY: ZINC DIE CAST, NICKEL PLATED
2. SPECIFICATIONS:
2.1 DEGREE OF PROTECTION: IP67 (MATED CONDITION)
2.2 RoHS COMPLIANT
3. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

	SEE PART NUMBER CHART			
QUANTITY	PART NUMBER	DESCRIPTION		ITEM
MATERIALS LIST				
<div>UNLESS OTHERWISE SPECIFIED</div> <div>1) All dimensions are in metric(mm).</div> <div>2) Tolerances are as follows:</div> <div>1 PL DEC ±0.30</div> <div>2 PL DEC ±0.15</div> <div>3 PL DEC ±0.08</div> <div>3) Note reference = <div><div>x</div></div></div>		<div>SIGNATURES</div> <div>DRAWN: Drack</div> <div>CHECKED:</div> <div>ENGINEER:</div> <div>APPROVAL:</div> <div>CUSTOMER:</div> <div>THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.</div>	<div>DATE</div> <div>Jun.27,2015</div>	<div>Amphenol</div> <div>Sine Systems - www.amphenol-sine.com</div> <div>44724 Morley Drive</div> <div>Clinton Township, MI 48036</div> <div>M23A,CORD GRIP</div> <div><div>SIZE</div><div>B</div><div>TYPE</div><div>C-</div><div>DWG NO:</div><div>MA6CG-Sx</div><div>REVISION</div><div>A2</div></div> <div>SCALE: NONE</div> <div>SHEET 1 OF 1</div>

TITLE:	M23A,CORD GRIP
DWG NO:	MA6CG-Sx
REV:	A2
SHT:	1
OF:	1

Assembly Instructions - M23 Shielded Backshell, A-Series

- 1) Slide “seal nut” (A), “cable grommet” (B), and “backshell” (C) onto cable as shown in figure 1.
- 2) Remove outer cable jacket per dimension (42mm) shown in figure 1. Make sure exposed shielding is not nicked or cut.
- 3) Accurately locate and tighten tie wrap (D) 8mm from cable jacket (Figure 1).
- 4) Trim excess tie wrap as close as possible to “ratchet body”. Refer to “Reference View – A” shown below.
- 5) Trim the braided shield flush to the edge of the tie wrap (D), exposing the individual wires as shown in figure 2.
- 6) Strip individual wire leads to expose 5mm of bare conductor as shown in figure 2.
- 7) Crimp contacts (E) onto stripped wire leads (Figure 3).
- 8) Insert crimped contacts (E) into connector cavities (F) (Figure 3). Verify contacts are properly seated once installed.

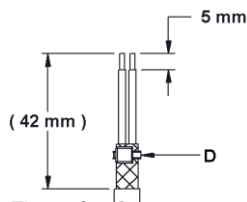
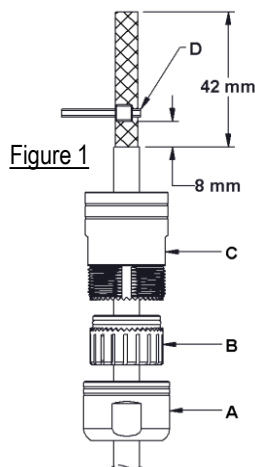
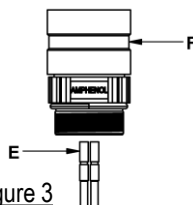
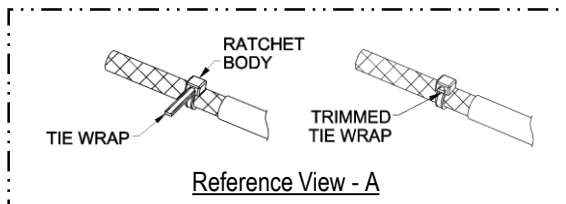


Figure 2



Instructions continued on back of page

- 9) Tighten "backshell" (C) to connector (F) as shown in figure 4. Use a 24mm open end wrench for the backshell, and a 25mm open end wrench for the connector. Tighten to a recommended torque of 10 Nm.
- 10) Slide "shielding clip" (G) over cable jacket as shown in figure 4.
- 11) Push "shielding clip" (G) into "backshell" (C) until it stops against inside wall as shown in "Reference View-B". Clip must be seated over exposed shielding and not over cable jacket.

Note:

Clip must be slightly compressed to allow it to enter into the backshell.

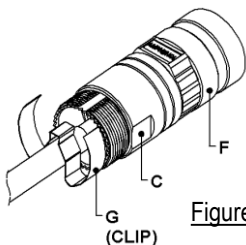
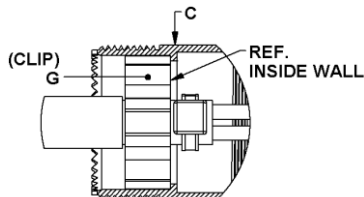


Figure 4



Reference View - B

- 12) Push "cable grommet" (B) into "backshell" (C) as shown in figure 5.
- 13) Thread and tighten "seal-nut" (A) onto "backshell" (C) as shown in figure 6. Use a 24mm open end wrench for the backshell, and a 25mm open end wrench for the seal-nut.

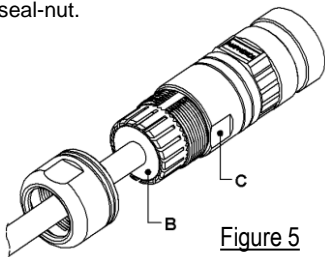


Figure 5

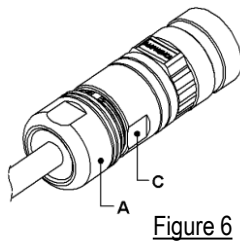


Figure 6

Note:

Seal-nut torque required to properly retain & seal cable may vary depending on cable construction.