

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

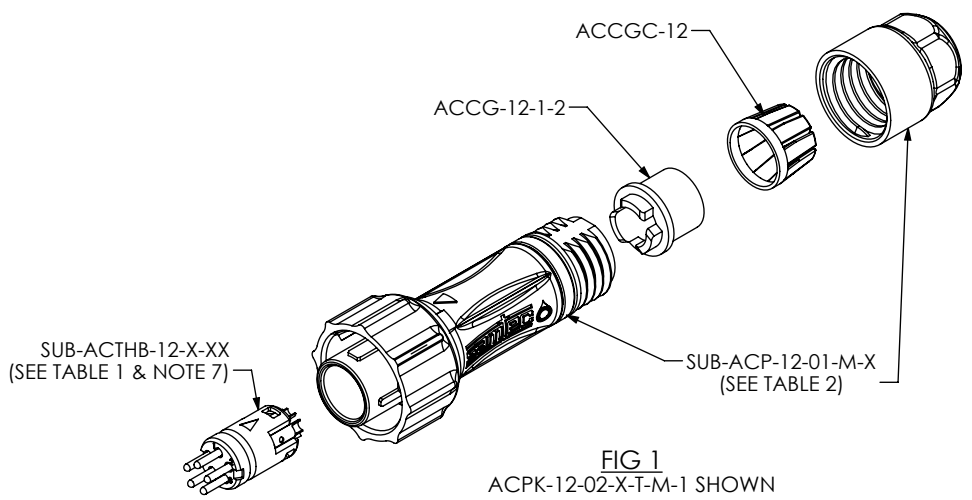


FIG 1  
ACPK-12-02-X-T-M-1 SHOWN

**ACPK-12-XX-X-X-M-X**

PLUG KIT  
SIZE

KEYING FEATURE (SEE NOTE 3, SEE SHT 2)  
-1: ORANGE  
-2: GREEN  
-3: BLUE  
-4: YELLOW

LEAD STYLE  
-01: 4 POS (1.0 TERM/SKT), 20 - 24 AWG  
-02: 5 POS (1.0 TERM/SKT), 20 - 24 AWG  
-03: 6 POS (0.5 TERM/SKT), 26 - 30 AWG  
-04: 8 POS (0.5 TERM/SKT), 26 - 30 AWG  
-05: 6 POS COMBO (2x1.0 TERM/SKT), 20 - 24 AWG (4x0.5 TERM/SKT), 26 - 30 AWG

STYLE  
-M: METAL

GENDER  
-T: TERMINAL  
-S: SOCKET

PLATING  
-G: 10µ" GOLD ON CONTACT  
-H: 30µ" GOLD ON CONTACT

TABLE 2	
KEYING FEATURE	SUB-ACP-12-XX-M-X
-1	SUB-ACP-12-01-M-1
-2	SUB-ACP-12-01-M-2
-3	SUB-ACP-12-01-M-3
-4	SUB-ACP-12-01-M-4

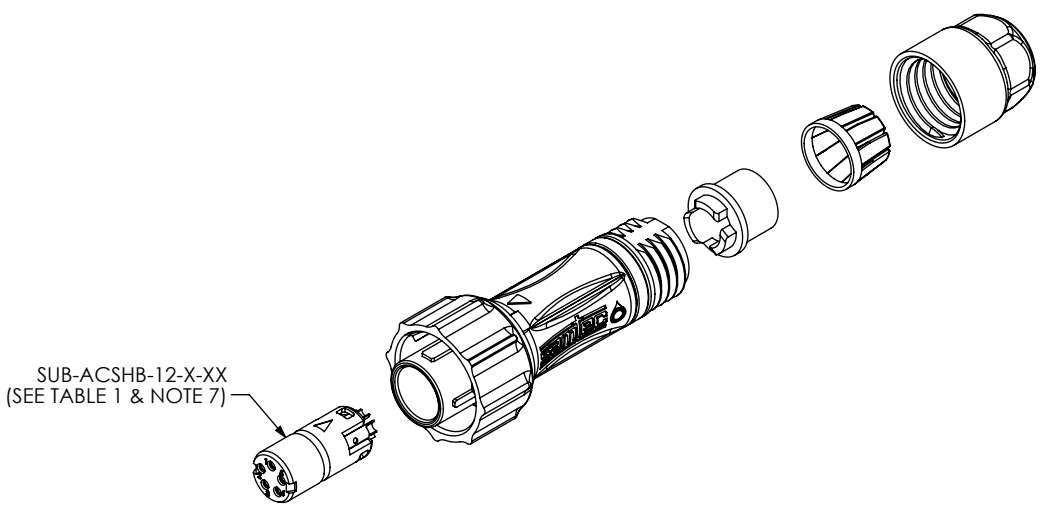


FIG 2  
ACPK-12-02-X-S-M-1 SHOWN (SAME AS FIG 1, EXCEPT AS SHOWN)

TABLE 1			
LEAD STYLE	GENDER	PLATING	
		-G	-H
-01	-T	SUB-ACTHB-12-G-01	SUB-ACTHB-12-H-01
-02	-T	SUB-ACTHB-12-G-02	SUB-ACTHB-12-H-02
-03	-T	SUB-ACTHB-12-G-03	SUB-ACTHB-12-H-03
-04	-T	SUB-ACTHB-12-G-04	SUB-ACTHB-12-H-04
-05	-T	SUB-ACTHB-12-G-05	SUB-ACTHB-12-H-05
-01	-S	SUB-ACSHB-12-G-01	SUB-ACSHB-12-H-01
-02	-S	SUB-ACSHB-12-G-02	SUB-ACSHB-12-H-02
-03	-S	SUB-ACSHB-12-G-03	SUB-ACSHB-12-H-03
-04	-S	SUB-ACSHB-12-G-04	SUB-ACSHB-12-H-04
-05	-S	SUB-ACSHB-12-G-05	SUB-ACSHB-12-H-05

- NOTES:
- ⊕ REPRESENTS A CRITICAL DIMENSION.
  - KIT COMPONENTS TO BE PACKAGED IN BAGS PER PACKAGING STANDARD CO-RF-WI-3001-M.
  - KEYING FEATURE DETERMINES COLOR OF KEY RING AND DUSTCAP LANYARD IF APPLICABLE.
  - REFER TO DCA-ACP-12-M-X PRINT FOR DUST CAP.
  - CABLE DIAMETER SPECIFICATION: 5.21[.205].
  - TORQUE SPECIFICATION FOR CABLE NUT: 1.1Nm[10.00 IN-LB] - 1.7Nm[15.00 IN-LB].
  - RECOMMENDED INSERTION TOOL: CAT-12-M.
  - NOTE DELETED.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE:  
DECIMALS ANGLES  
X.X: ±0.3 [.01] 2°  
X.XX: ±0.13 [.005]  
X.XXX: ±0.051 [.0020]

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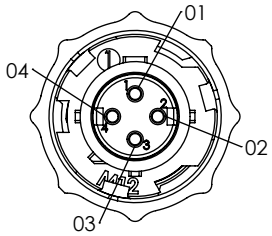
**samtec**  
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail info@SAMTEC.com code 53322

**MATERIAL:** DO NOT SCALE DRAWING SHEET SCALE: 1:1  
SHELLS/LOCKING SLEEVE/NUT: ZAMAK 3  
RETAINING RING: CARBON STEEL  
COLOR RING: SILICONE  
INSULATOR: PBT, COLOR: BLACK  
GROMMET CAGE: NYLON, COLOR: BLACK  
TERMINALS: BRASS  
CONTACTS: BRASS/BeCu  
GROMMET: NITRILE

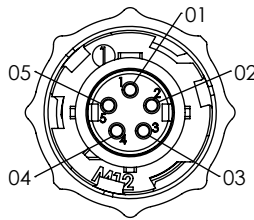
DESCRIPTION:  
ACCLIMATE CIRC. FIELD TERM.  
DWG. NO.  
**ACPK-12-XX-X-X-M-X**  
BY: D.SCHMELZ 01/17/2011 SHEET 1 OF 2

-I END OPTIONS

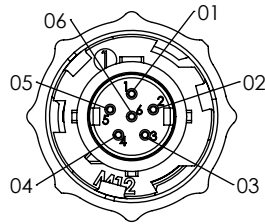
-01: 4 POS  
Ø 1.0 TERMINALS



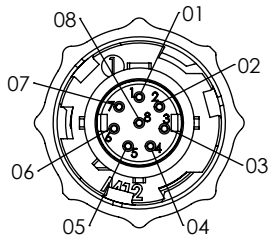
-02: 5 POS  
Ø 1.0 TERMINALS



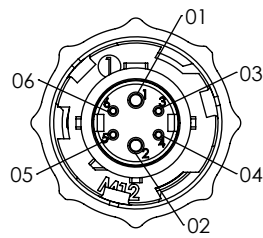
-03: 6 POS  
Ø 0.5 TERMINALS



-04: 8 POS  
Ø 0.5 TERMINALS

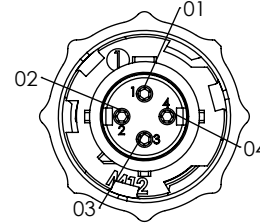


-05: 6 POS COMBO  
2x Ø 1.0 TERMINALS  
4x Ø 0.5 TERMINALS

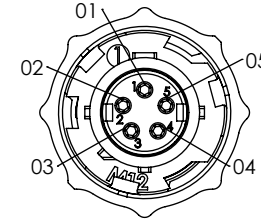


-S END OPTIONS

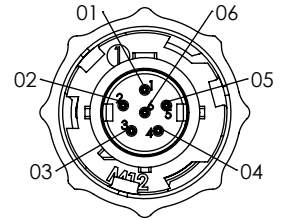
-01: 4 POS  
Ø 1.0 SOCKETS



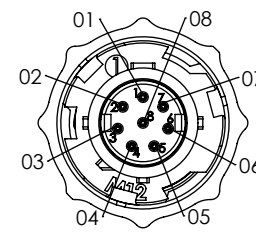
-02: 5 POS  
Ø 1.0 SOCKETS



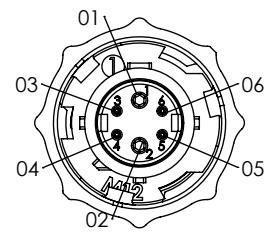
-03: 6 POS  
Ø 0.5 SOCKETS



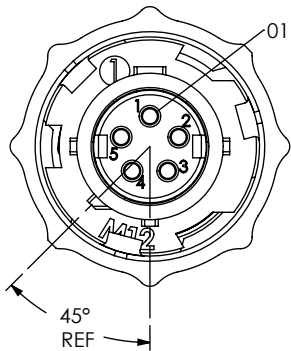
-04: 8 POS  
Ø 0.5 SOCKETS



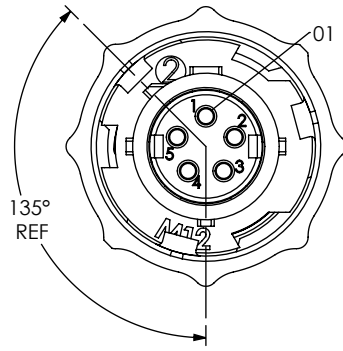
-05: 6 POS COMBO  
2x Ø 1.0 SOCKETS  
4x Ø 0.5 SOCKETS



-1  
ORANGE KEY RING

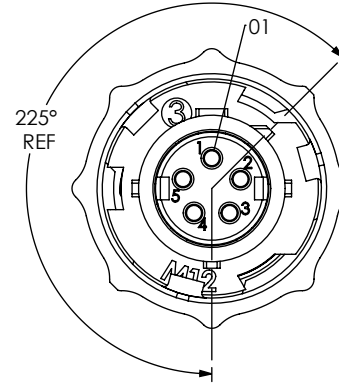


-2  
GREEN KEY RING

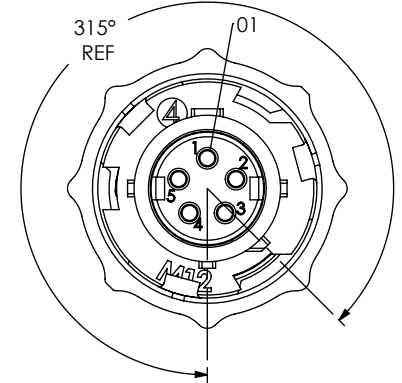


KEYING FEATURE  
(SEE NOTE 3)

-3  
BLUE KEY RING



-4  
YELLOW KEY RING



SCALE: 2:1

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DO NOT SCALE DRAWING

SHEET SCALE: 3:2

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DESCRIPTION: ACCLIMATE CIRC. FIELD TERM.

DWG. NO. ACPK-12-XX-X-X-M-X

BY: D.SCHMELZ 01/17/2011 | SHEET 2 OF 2