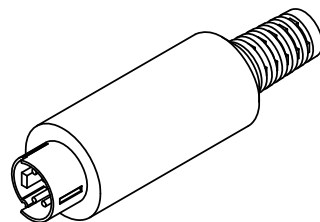
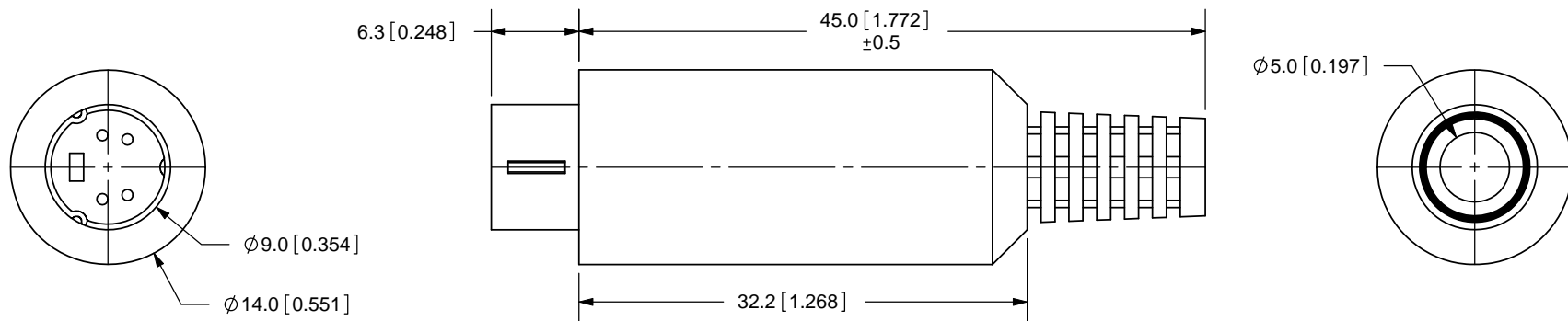


REV.	DESCRIPTION	DATE
C	changed crimp tool part number	3/2/2009
D	added tolerance	12/1/2009
E	added insertion and withdrawal force	5/19/2010



SCALE 1:1

NOTES:
 RECOMMENDED WIRE RANGE: 24AWG~28AWG
 LEAD TERMINATION: USE CRIMP PINS, PN: CP-9999 (DIGI-KEY)
 CRIMP TOOL: MOLEX UNIVERSAL CRIMP TOOL
 WM9999-ND (DIGI-KEY)

TOLERANCE:
 X.X ±0.2mm
 X.XX ±0.1mm



SPECIFICATIONS:
 RATING: 12V DC @ 2A
 CONTACT RESISTANCE: 30m OHMS MAX
 INSULATION RESISTANCE: 50M OHMS MIN: 500V DC
 VOLTAGE WITHSTAND: 500V AC R.M.S. FOR 1 MINUTE
 INSERTION FORCE: 4.5KG MAX
 WITHDRAWAL FORCE: 0.9KG~3.0KG
 LIFE: 5,000 CYCLES

	MATERIAL	PLATING
SHIELD	Brass	Nickel
CONTACT	Brass	Silver
COVER	PE-2L	
SHELL	ABS	
HOUSING	Nylon66+GF	




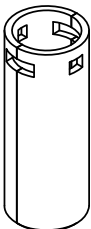
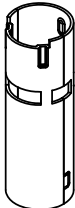
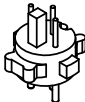
CUI INC

20050 SW 112th Ave.
 Tualatin, OR 97062
 Phone: 503-612-2300
 800-275-4899
 Fax: 503-612-2383
 Website: www.cui.com

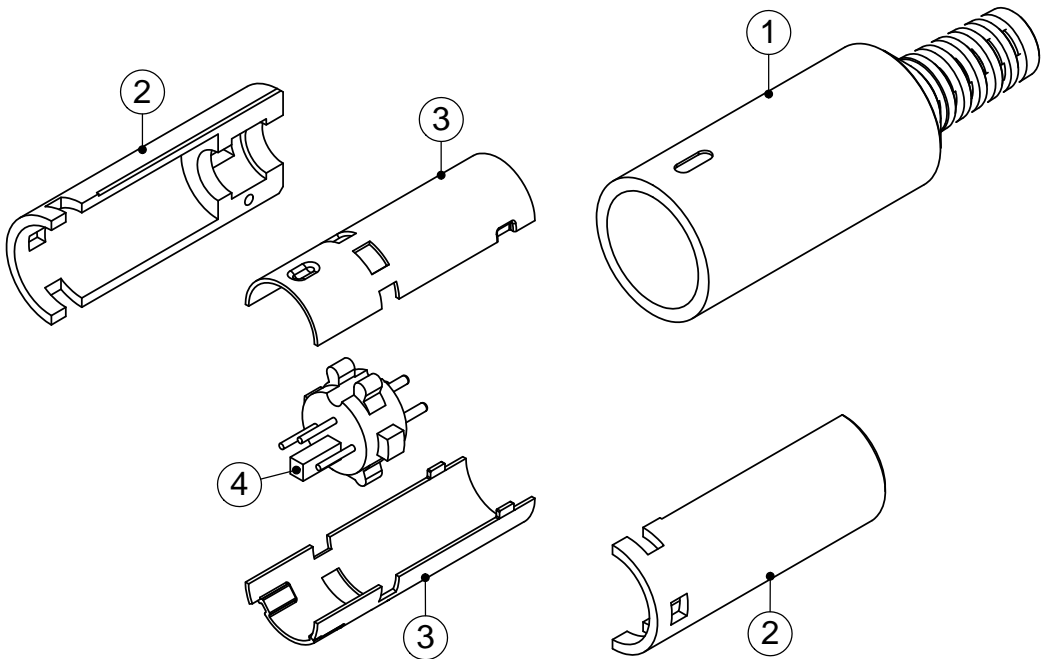
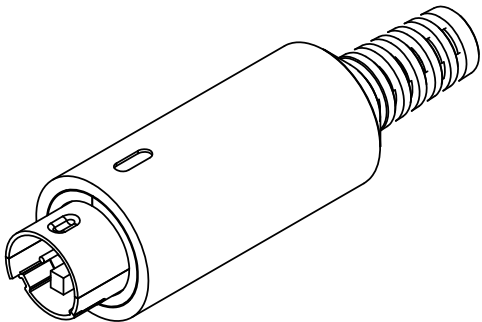
TITLE: MINI DIN IN-LINE PLUG		REV: E
PART NO. MD-40		UNITS: MM [INCHES]
DRAWN BY: ZRJ	APPROVED BY:	SCALE: 2:1

PC FILE NAME:
 MD-40

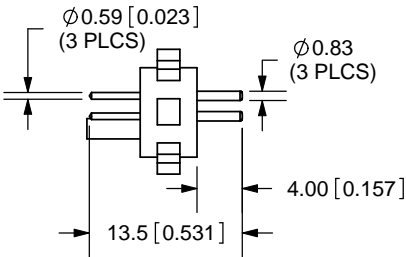
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1	
cover	
2	
plastic shell	
3	
metal shield	
4	
housing	

REV.	DESCRIPTION	DATE
A	NEW DRAWING	7/8/2009



PIN DETAILS

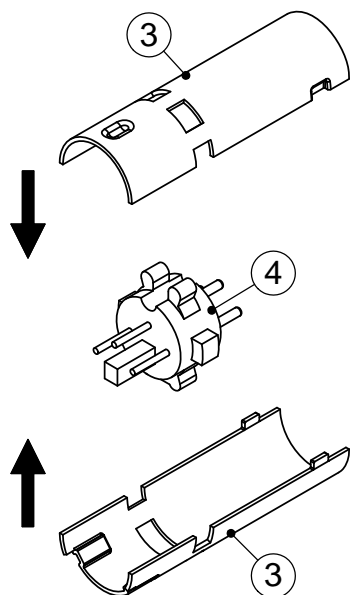


PC FILE NAME:
MD-assy

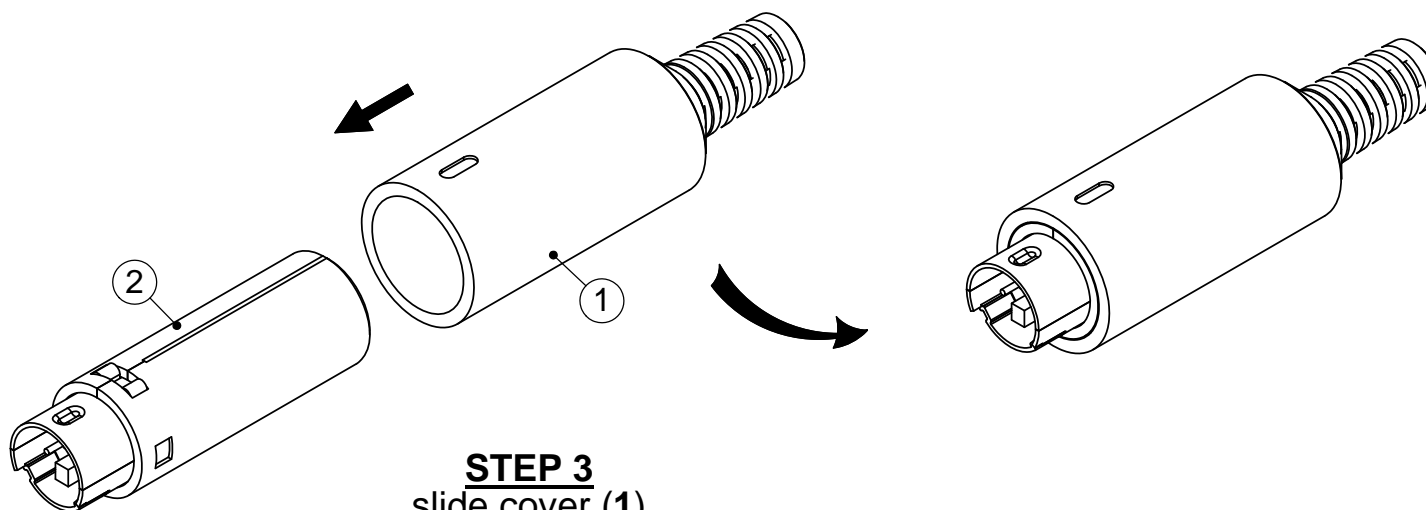
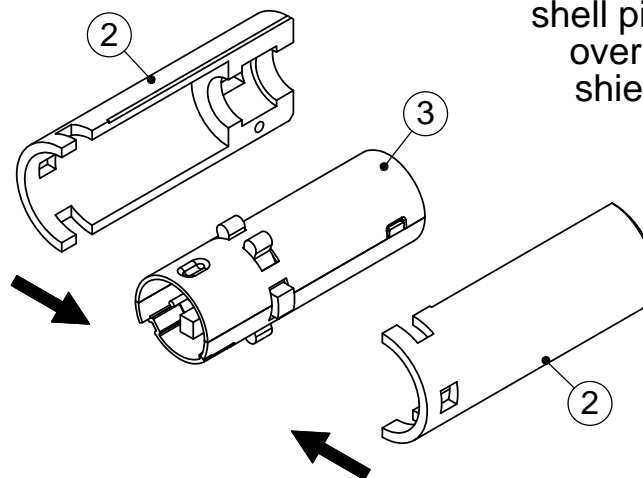
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TITLE:	MINI DIN IN-LINE PLUG ASSEMBLY	REV:	A
PART NO.	MD-assy	UNITS:	MM [INCHES]
DRAWN BY:	ZRJ	APPROVED BY:	SCALE:
			3:2

STEP 1
solder wires to
housing (4),
assemble metal
shield pieces (3)
onto housing (4)



STEP 2
assemble plastic
shell pieces (2)
over metal
shield (3)



STEP 3
slide cover (1)
over plastic
shell (2)

TITLE: MINI DIN IN-LINE PLUG ASSEMBLY		REV:
PART NO. MD-assy		UNITS: MM [INCHES]
DRAWN BY: ZRJ	APPROVED BY:	SCALE: 3:2