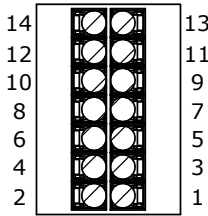
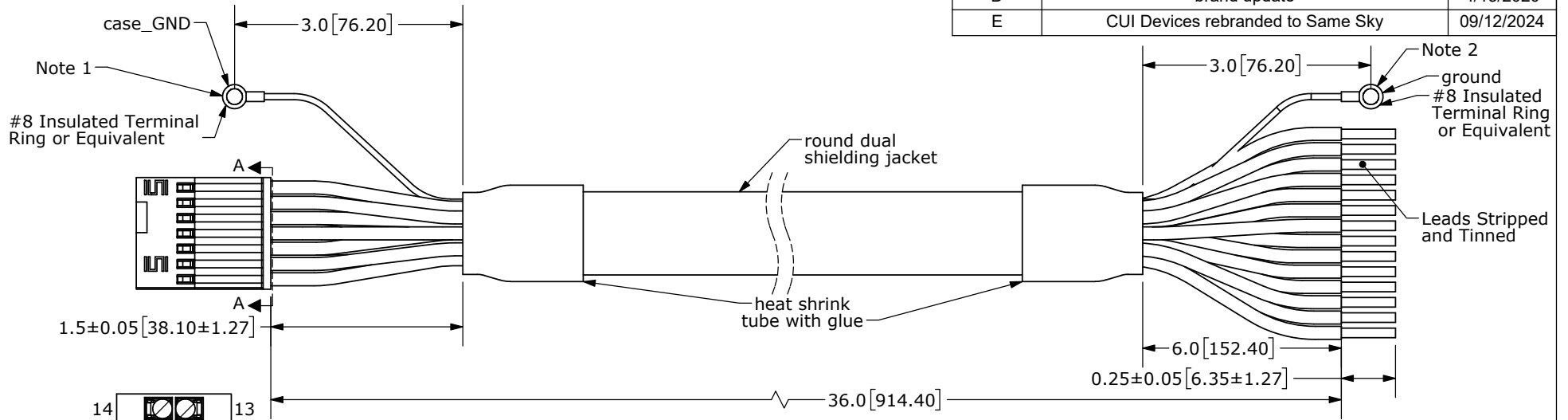


Additional Resources: [Product Page](#)

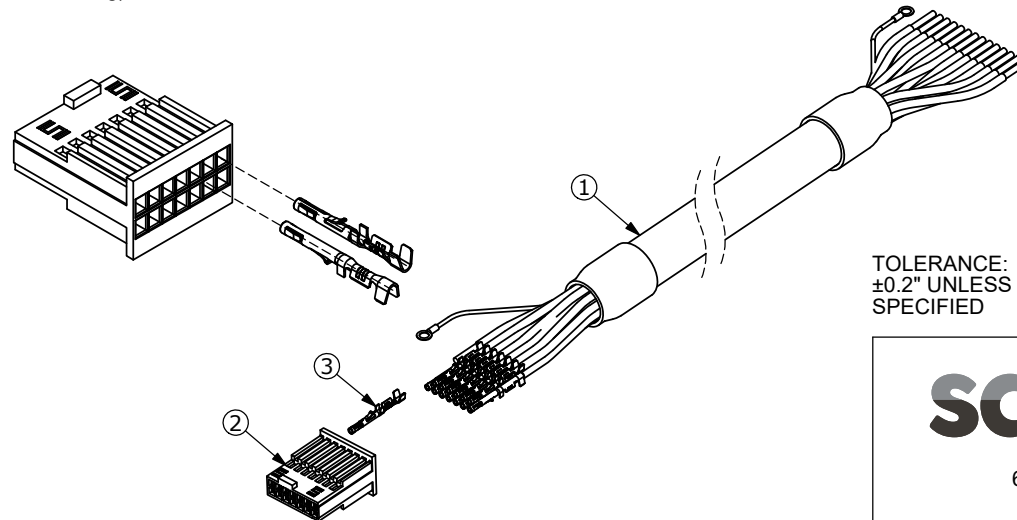
REV.	DESCRIPTION	DATE
A	NEW DRAWING	6/10/2013
C	added ground wire to unterminated end	3/4/2014
D	brand update	4/15/2020
E	CUI Devices rebranded to Same Sky	09/12/2024



SECTION A-A  
SCALE 3 : 1  
(Back of Connector Housing)

Connector Pinout

#	Function	Color	
		Primary	Stripe
1	RX_ENC+	Blue	Red
2	TX_ENC+	Green	Red
3	U+	Brown	Black
4	GND	Black	Red
5	W+	Orange	Black
6	+5V	Red	Black
7	V+	Red	White
8	B+	Green	Black
9	B-	Black	Green
10	A+	White	Black
11	A-	Black	White
12	Z+	Blue	Black
13	Z-	Black	Blue
14	MCLRB	Yellow	Black



NOTES 1: case\_GND is connected internally to GND (black/red)  
2: ground connected internally to cable shielding  
3: crimp pins

TOLERANCE:  
±0.2" UNLESS OTHERWISE  
SPECIFIED



**same sky**

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Lake Oswego, OR 97035  
Phone: 877-323-3576

Website: [www.sameskydevices.com](http://www.sameskydevices.com)

ITEM NO: 977-7011R	REV: E
PART NO: AMT-14C-1-036	UNITS: INCH[MM]
DRAWN BY: RDS	APPROVED BY:
	SCALE: 2:1

	Part	QTY	Part#
1	Cable	1	3M 3600B/20
2	Connector	1	Samtec ISDF-07-D-L
3	Crimp Pins	14	Samtec CC03L-2830-01-G

PC FILE NAME:  
AMT-14C-1-036

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