

Hinweis zur Zeichnung

Die folgenden Seiten sind die Herstellerzeichnung der vierzehnpoligen Edge-Connect-Familie. Sie ist mit der Teilenummer ECV3-14-IDC beschriftet und zeigt die Ausführung mit ZWEI Führungsstiften – also die Geometrie, die Tag-Connect als "2AP" fuehrt.

Das KONTAKTBILD DER ZIELPLATINE auf der letzten Seite gilt fuer alle vier Artikel der Familie. Danach koennen Sie Ihr Layout zeichnen.

Der STECKER AM ANDEREN KABELLENDE ist in der Zeichnung als 14-poliger IDC-Steckverbinder mit 2,54 mm Rastermass dargestellt. Dieser Artikel traegt einen anderen Stecker; die Darstellung ist insoweit keine Referenz.

Welcher Artikel welchen Stecker traegt:

Artikel	Stecker am Debugger	Rastermass
ECV3-14-2AP-IDC	14-polig, IDC	2,54 mm (0,1")
ECV3-14-2AP-IDC-050	14-polig, IDC	1,27 mm (0,05")
ECV3-14-2AP-IDC-2MM	14-polig, IDC	2 mm
ECV3-14-2AP-ETM	20-polig, Cortex-20	1,27 mm (0,05")

Im Zweifel messen Sie den Stiftabstand an Ihrem Programmiergeraet nach oder fragen Sie uns.

Note on the drawing

The following pages are the manufacturer’s drawing of the 14–pin Edge–Connect family. It carries the part number ECV3–14–IDC and shows the version with TWO guide pins – the geometry Tag–Connect lists as "2AP".

The MATING BOARD FOOTPRINT on the last page applies to all four articles in the family. You can draw your layout from it.

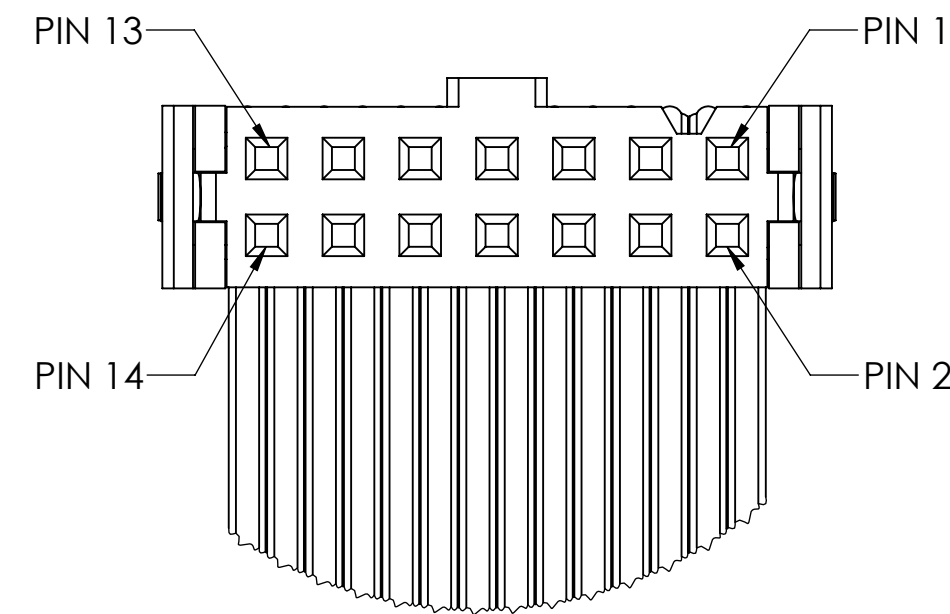
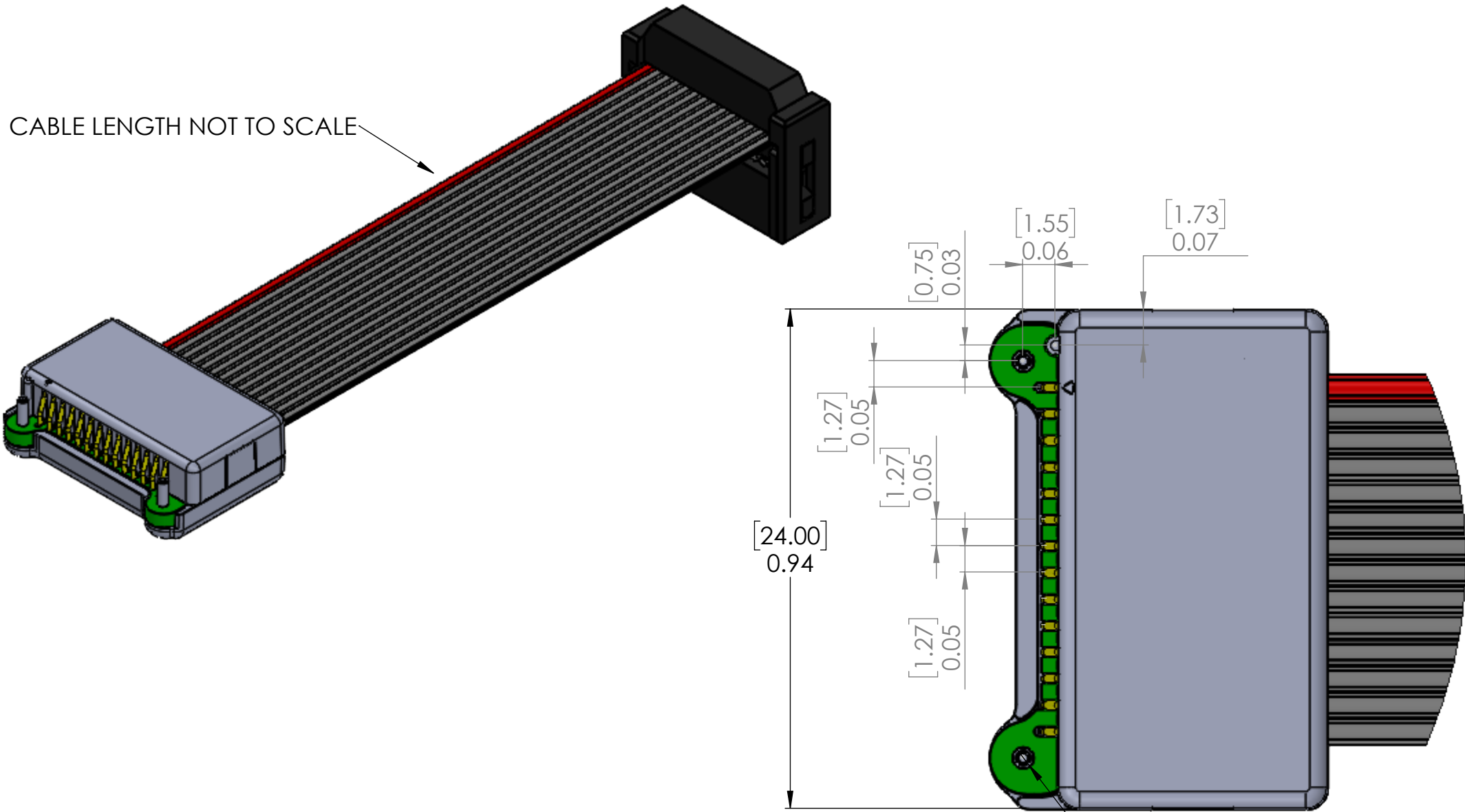
The HEADER AT THE OTHER END OF THE CABLE is shown in the drawing as a 14–pin IDC connector on a 2.54 mm pitch. This article carries a different header; to that extent the drawing is not a reference.

Which article carries which header:

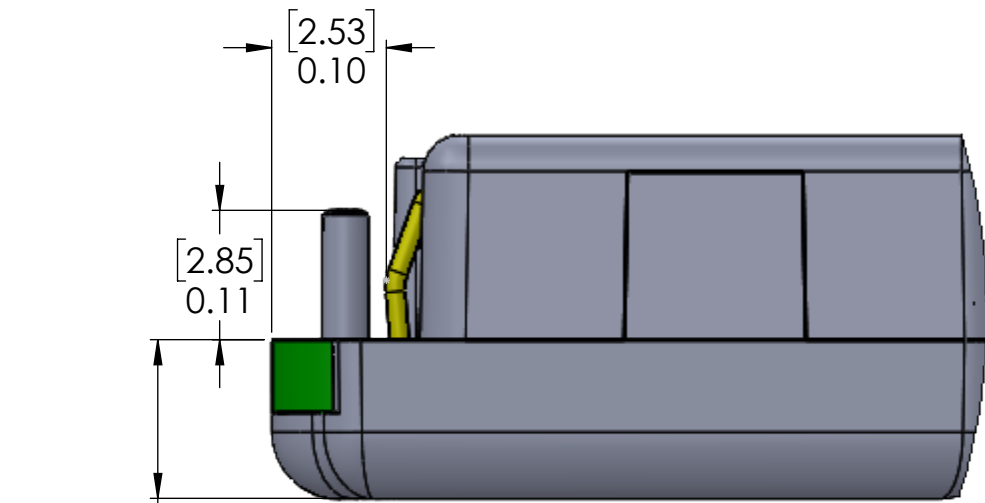
Article	Header at the debugger	Pitch
ECV3–14–2AP–IDC	14–pin, IDC	2.54 mm (0.1")
ECV3–14–2AP–IDC–050	14–pin, IDC	1.27 mm (0.05")
ECV3–14–2AP–IDC–2MM	14–pin, IDC	2 mm
ECV3–14–2AP–ETM	20–pin, Cortex–20	1.27 mm (0.05")

If in doubt, measure the pin spacing on your programmer or ask us.

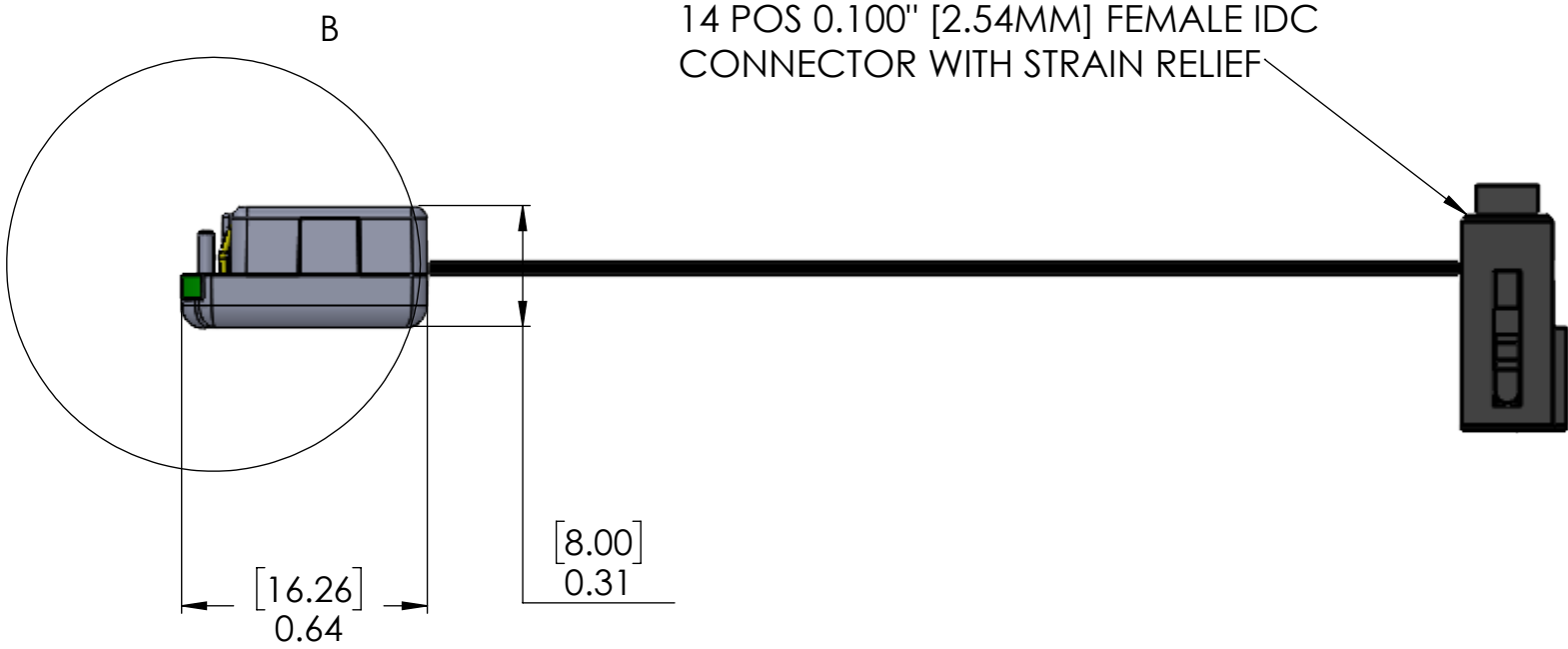
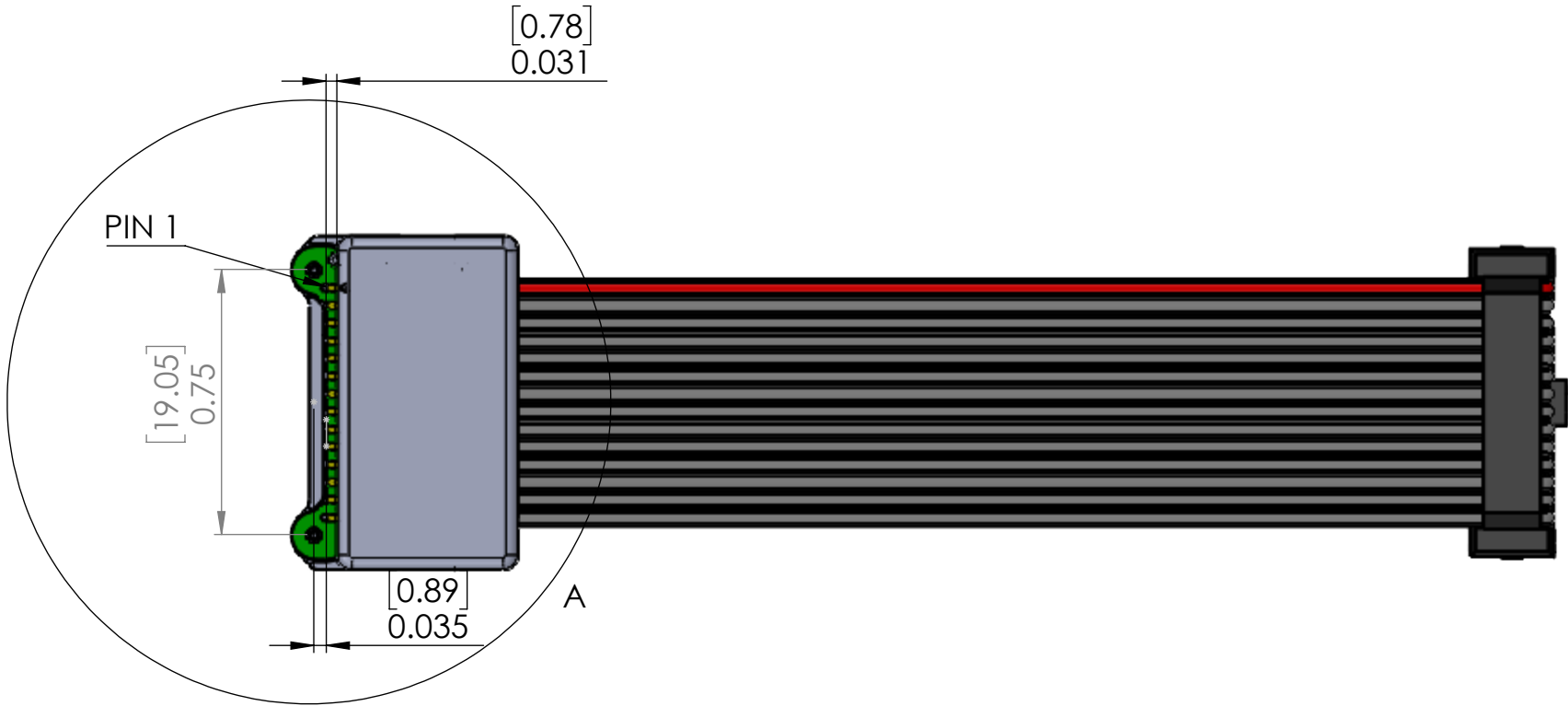
DATASHEET FOR EC3-14 PIN EDGE-CONNECT (TM) CABLE			
REV	DESCRIPTION	DATE	REV BY
A	INITIAL RELEASE	12/13/2023	B. HOPKINS



DETAIL C
SCALE 4 : 1



DETAIL B
SCALE 6 : 1



14 POS 0.100" [2.54MM] FEMALE IDC
CONNECTOR WITH STRAIN RELIEF

SEE PCB LAYOUT DETAILS ON SHEET 2
FOR MATING BOARD FOOTPRINT.
DIMENSIONS ARE SUBJECT TO CHANGE.

SIZE	PART NO.	DESC.	REV
A	ECV3-14-IDC	EDGE-CONNECT, EC3 14 PIN	A
DO NOT SCALE		www.TAG-CONNECT.com	SHEET 1 OF 2

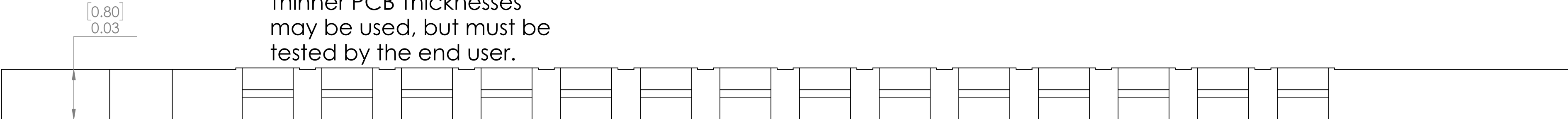
4

3

2

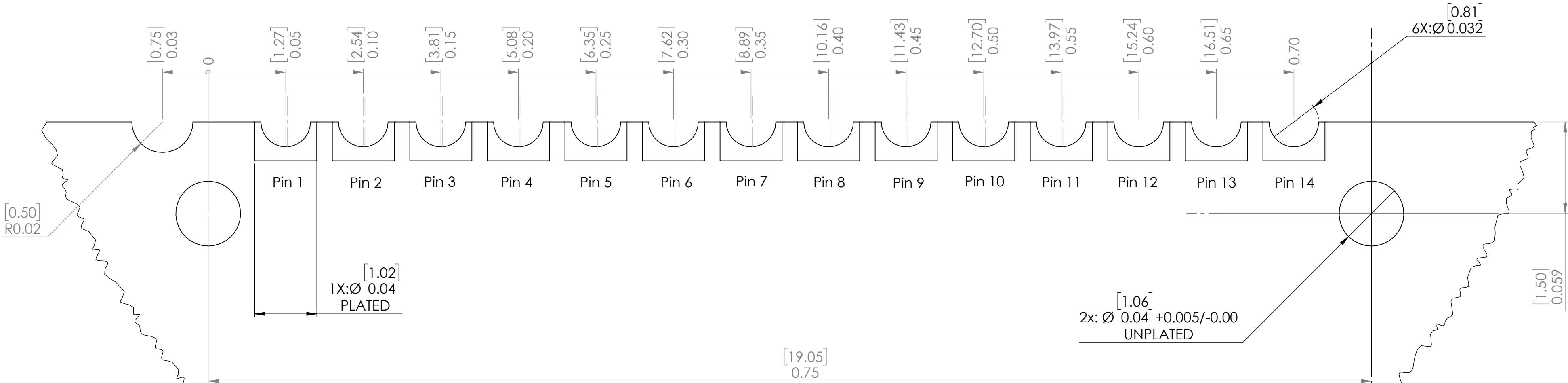
1

Thinner PCB Thicknesses
may be used, but must be
tested by the end user.



D

D



C

C

PCB BOARD

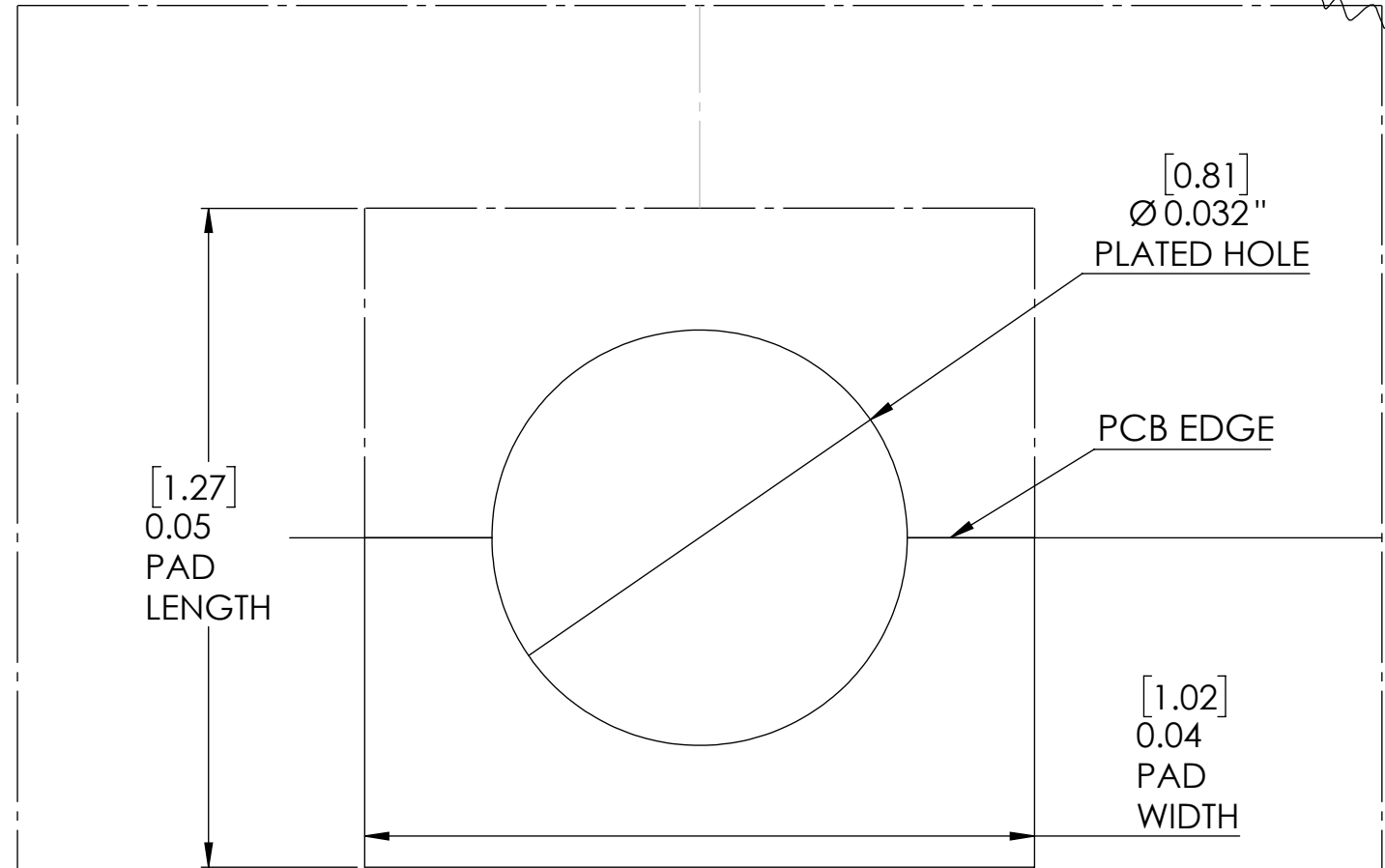
DETAIL D
SCALE 20 : 1

Note:
All holes need to be placed within
0.002 inches [0.005mm] from the
center pin location.

All hole diameters need to be
made within 0.005 inches [0.1mm] of
the nominal hole.

B

B



A

A

PCB BOARD

EC3-14 MATING PCB FOOTPRINT

SIZE	PART NO.	DESC.	REV
A	EC3-14	EDGE-CONNECT, EC3 14 PIN	A
DO NOT SCALE		www.TAG-CONNECT.com	SHEET 2 OF 2

4

3

2

1