

Notes:

1. Allow clearance for finger squeeze access from the two sides shown.

2. No tracks or vias in the shaded "KEEP OUT" AREA.

3. No other track or signal within .02" of any contact pad.

4. Do not allow solder paste on the contact pads. It is essential to eliminate any hole in the solder paste-mask (solder stencil) layer. If this is not possible make the contact pads thru-hole with a finished hole size of .008" or less.

5. Leg and alignment holes may be plated and used as vias but ensure minimum finished hole size meets specified tolerances.

6. To prevent purchasing confusion, please specify DNL in your BOM.

FOOTPRINT FOR TC2050-IDC PLUG-OF-NAILS^(TM) CABLE

ZONE

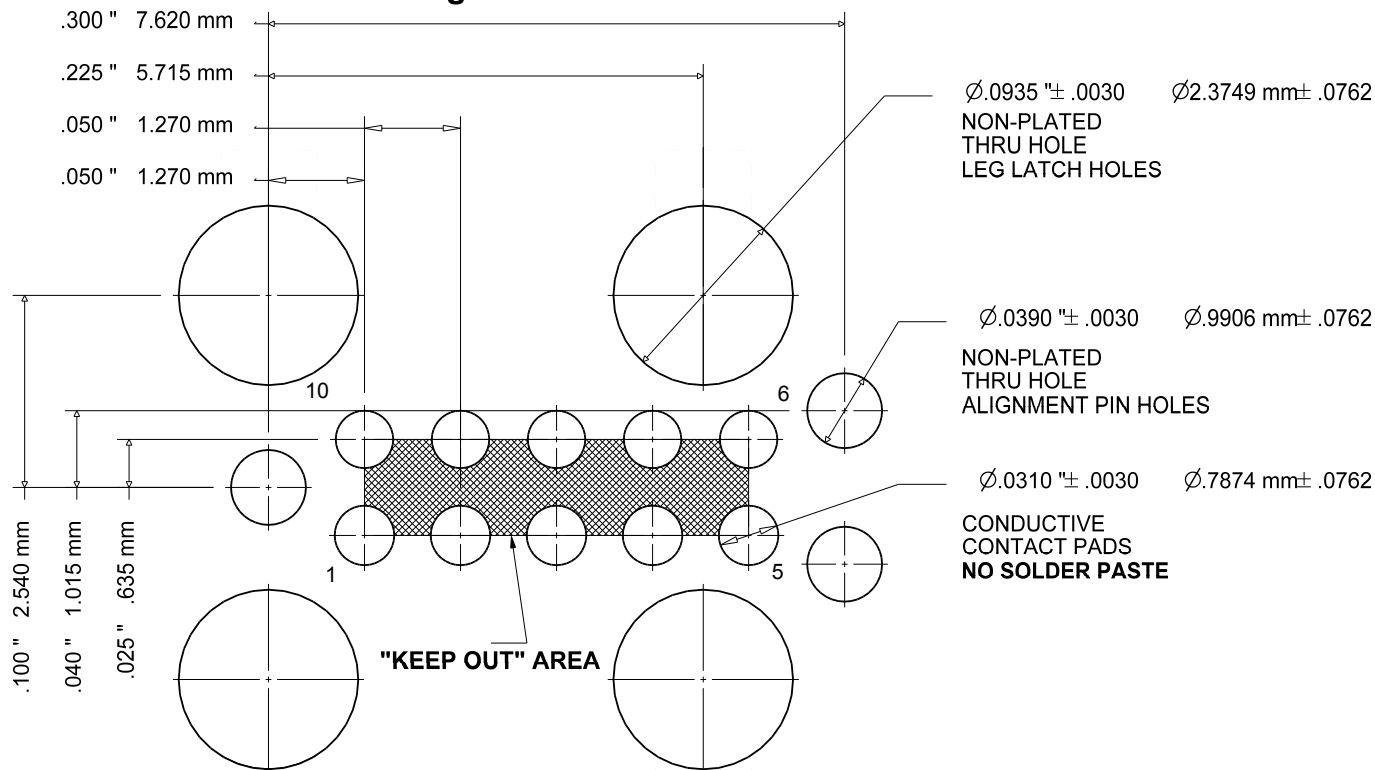
A

TC2050-IDC-FP

12/2/10

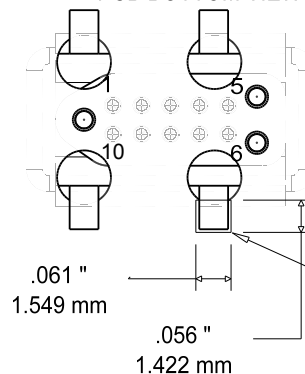
MS

Allow finger access from this side



Allow finger access from this side

PCB BOTTOM VIEW



SIZE	FSCM NO.	DWG NO.	FOOTPRINT FOR TC2050-IDC-FP	REV
A				A
SCALE 7:1	www.TAG-CONNECT.com	SHEET 1 of 3		

NOTE:

Dimensions subject to change

For use with TI MSP-FET and compatible MSP430 JTAG debuggers

TC2050-IDC-430 PLUG-OFF-NAILS™ CABLE

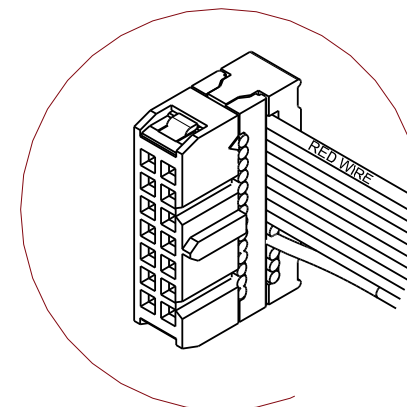
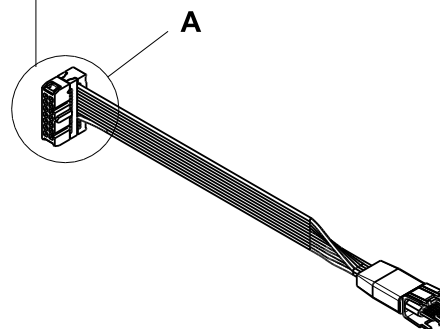
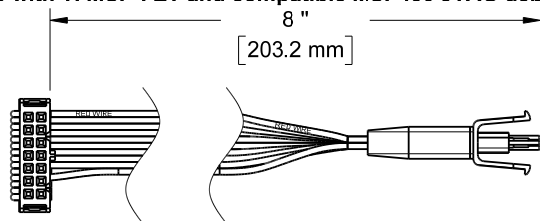
ZONE

A

TC2050-IDC-430

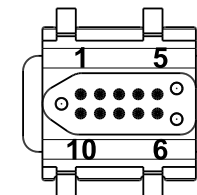
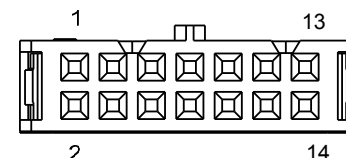
11/26/10

MS



Detail A

END VIEW
 2x7 0.1" PITCH
 IDC CONNECTOR

END VIEW
 10 PIN
 TAG-CONNECT


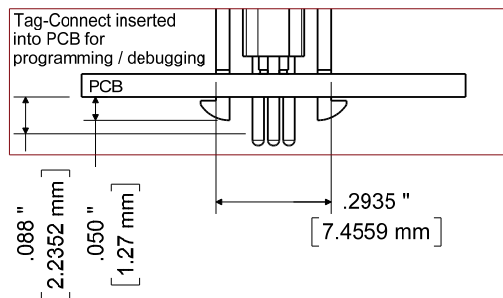
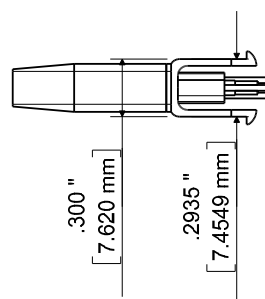
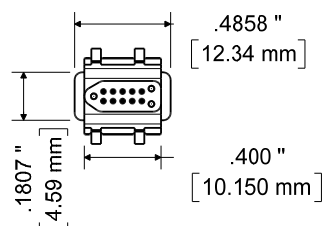
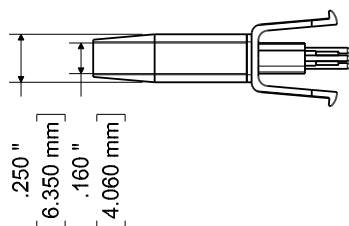
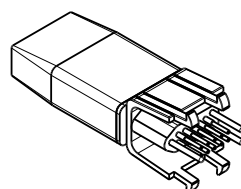
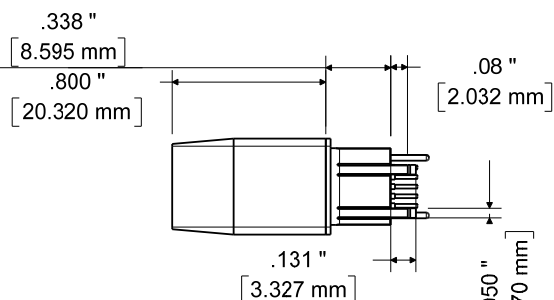
14 pin IDC	10 pin TAG
1	1
2	2
3	3
4	4
5	5

14 pin IDC	10 pin TAG
6	6
7	7
8	8
9	9
11	10

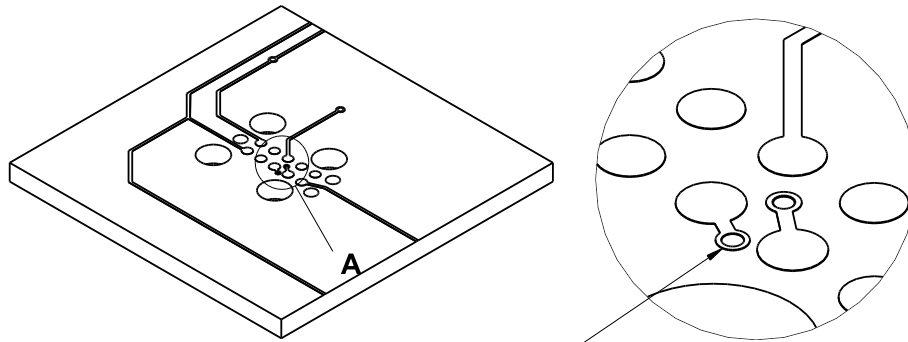
NOTE:

Pins 10,12,13 & 14 are not used

SIZE A	FSCM NO.	DWG NO. TC2050-IDC-430	REV A
SCALE	www.TAG-CONNECT.com		SHEET 2 of 3

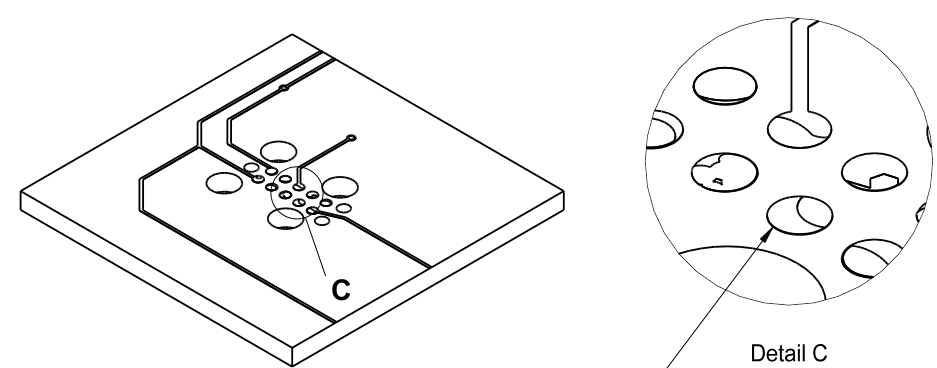


Layout Problems to Avoid



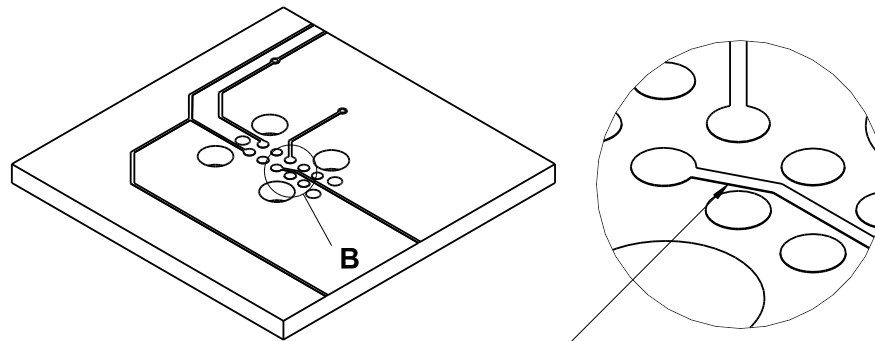
Detail A

Vias between
contact pads



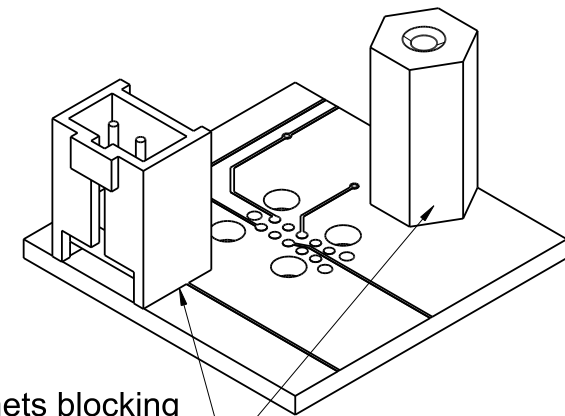
Detail C

Do not deposit solder paste on
contact pads. View Solder Paste
Mask (Solder Stencil) layer in
pad-stack and eliminate any hole.



Detail B

Traces less than .02"
away from contact pad
or in "KEEP OUT" area



Large componets blocking
finger access to the Tag-
Connect leg clips