

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.

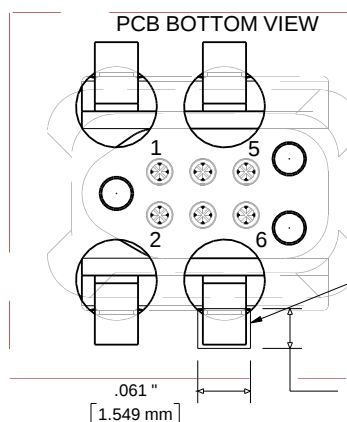
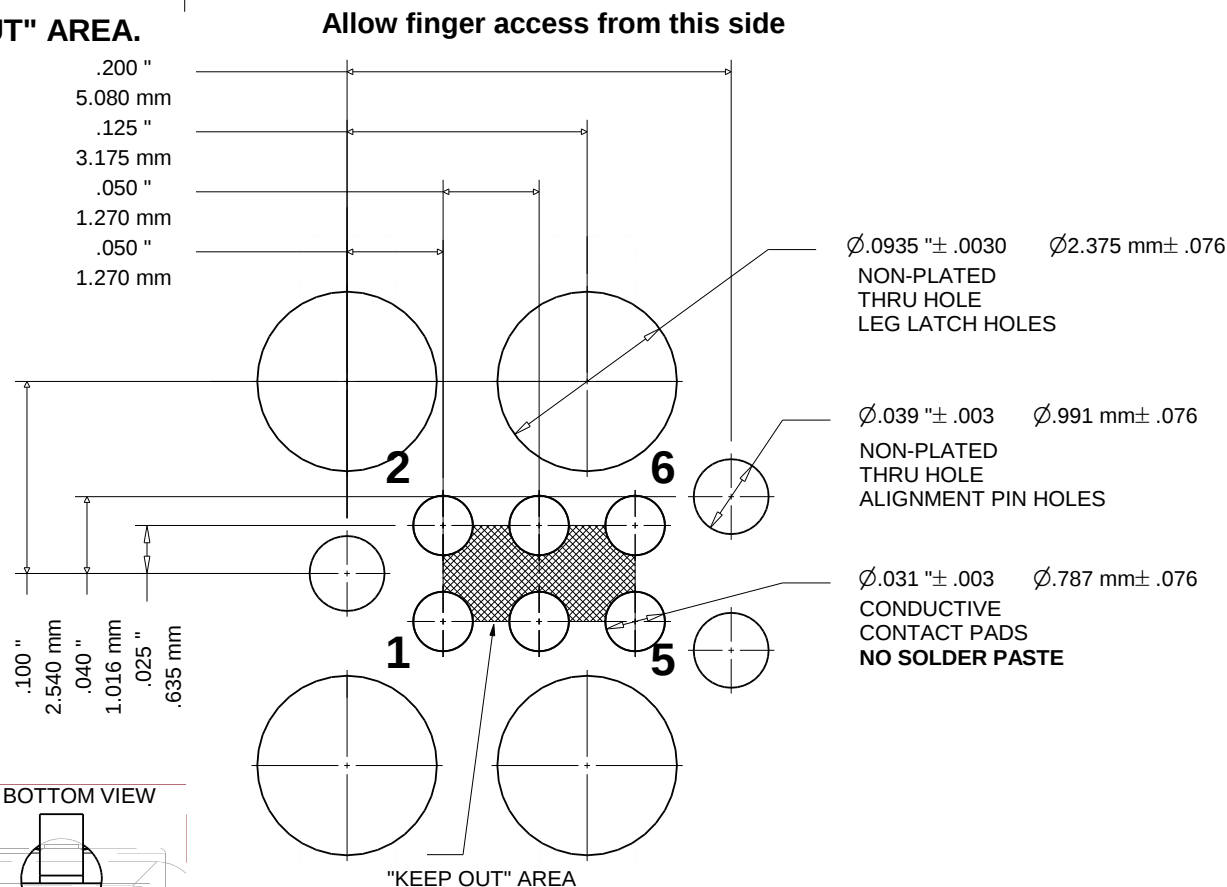
4. Do not allow solder paste on the contact pads. It is essential to eliminate any hole in the solder paste-mask (solder stencil) layer. If this is not possible make the contact pads thru-hole with a finished hole size of .008" or less.

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 TC2030-MCP PLUG-OFF-NAILSTM CABLE

ZONE	REV	TC2030-MCP-FP	12/2/10	MS
------	-----	---------------	---------	----



Allow finger access from this side

ALLOW A .061 X .046 SQUARE AREA OF CLEARANCE FOR EACH FOOT

Microchip ICD / ICSP signals

Pin 1: MCLR / Vpp

Pin 2: Vdd

Pin 3: GND

Pin 4: PGD (ICSPDAT)

Pin 5: PGC (ICSPCLK)

Pin 6: Unused / LVP

SIZE	FSCM NO.	DWG NO.	FOOTPRINT FOR TC2030-MCP-FP	REV
A				A
SCALE	WWW.TAG-CONNECT.COM	SHEET 1 Of 3		

NOTE:
Dimensions subject to change

TC2030-MCP PLUG-OFF-NAILS™ CABLE

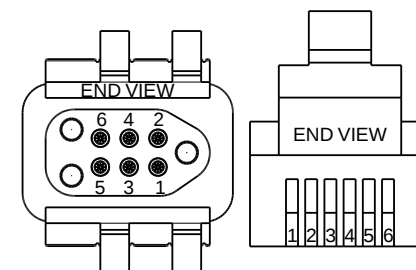
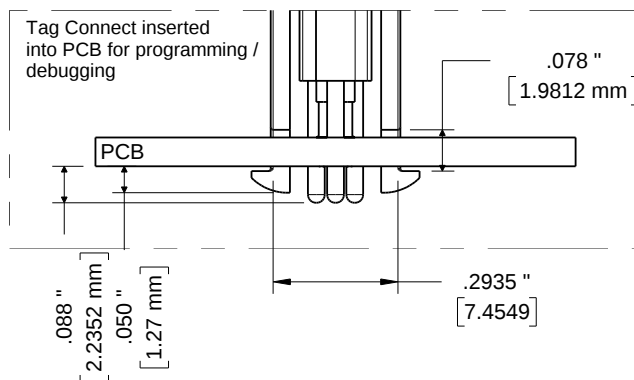
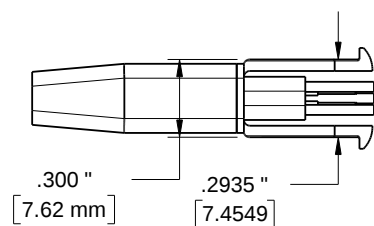
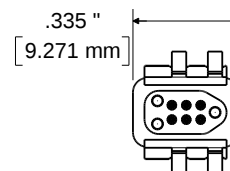
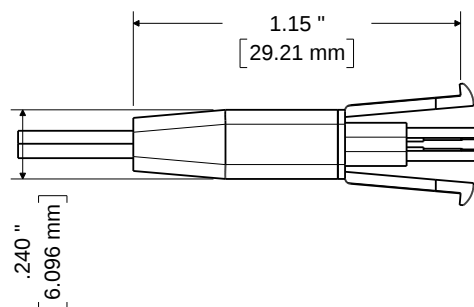
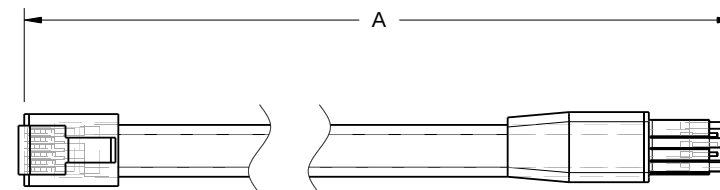
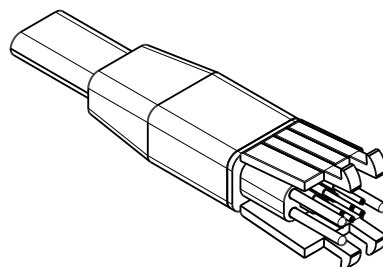
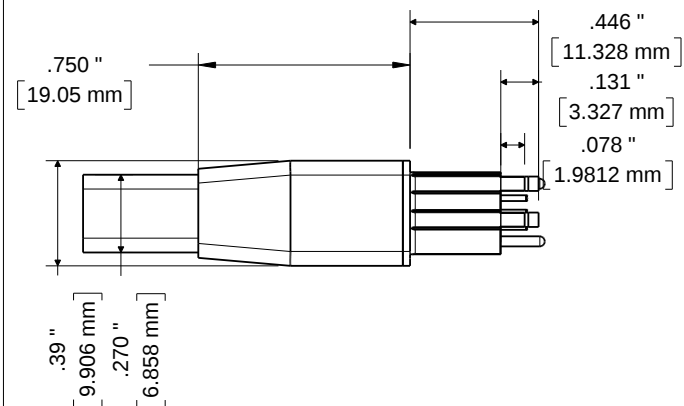
ZONE

A

TC2030-MCP

12/2/10

MS

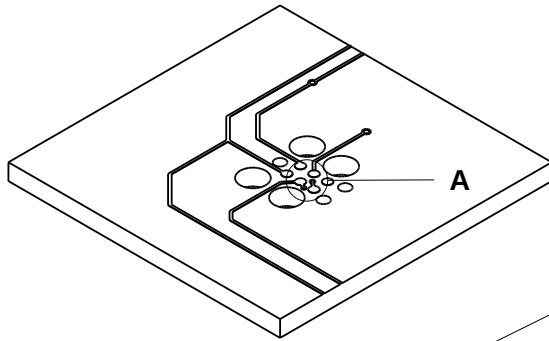


SIGNAL	TAG 6 PIN	RJ12
MCLR / VPP	1	6
VDD	2	5
GND	3	4
PGD(ICSP DAT)	4	3
PGC(ICSP CLK)	5	2
NC / LVP	6	1

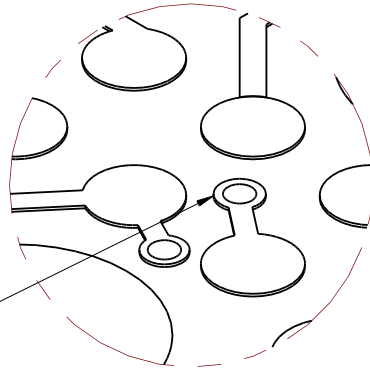
PART NUMBER	A	
	IN	MM
TC2030-MCP	6	152.4
TC2030-MCP-10	10	254

SIZE	FSCM NO.	DWG NO.	REV
A		TC2030-MCP	A
SCALE	www.TAG-CONNECT.com SHEET 2 Of 3		

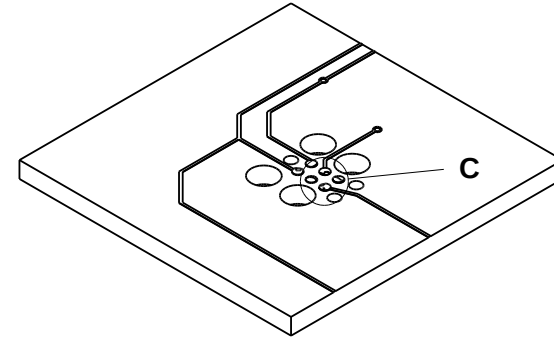
Layout Problems to Avoid



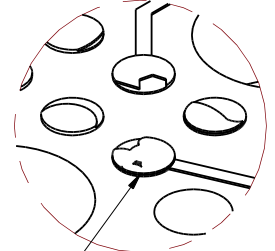
Vias between
contact pads



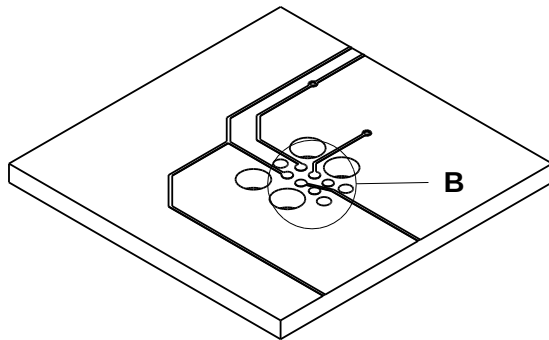
Detail A



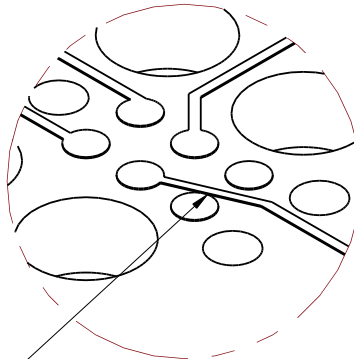
Do not deposit solder paste
on contact pads. View Solder
Paste Mask (Solder Stencil)
layer in pad-stack and eliminate
any hole.



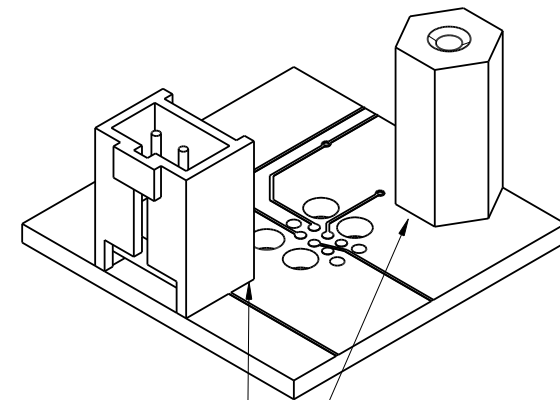
Detail C



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



Detail B



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