Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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FOOTPRINT FOR TC2030-MCP-NL PLUG-OF-NAILS (TM) CABLE			
REV	TC2030-MCP-NL	12/2/10	MS

Notes:

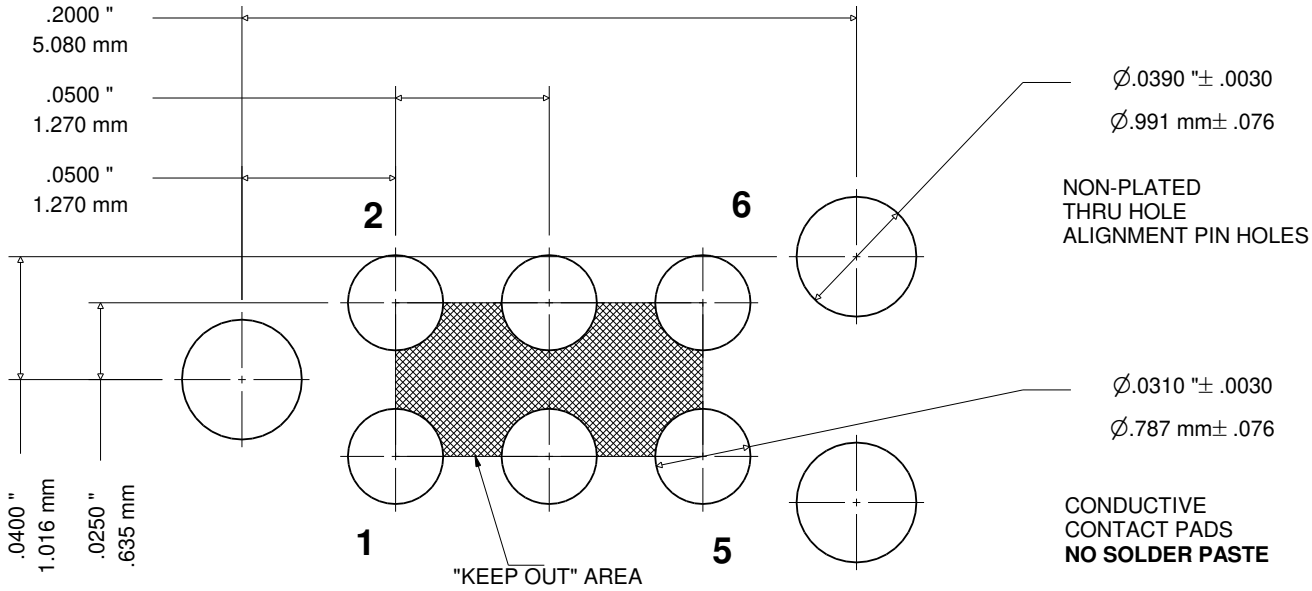
1. No tracks or vias in the shaded "KEEP OUT" AREA.

2. No other track or signal within 0.020" of any contact pad.

3. 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 finished hole size of 0.008" or less.

4. To avoid ordering confusion, please specify DNL in your BOM.

5. The TC2030-CLIP board can attach to the three alignment pins from underneath the PCB to temporarily retain the cable in place.



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

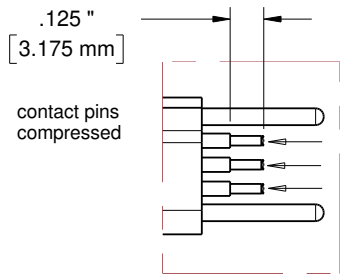
PCB TOP LAYER

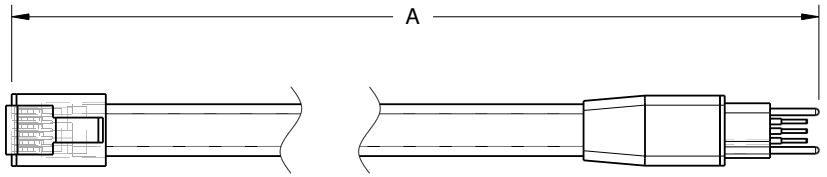
SIZE	FSCM NO.	DWG NO.	REV
A		FOOTPRINT FOR TC2030-MCP-NL-FP	A
SCALE 11:1	www.TAG-CONNECT.com	SHEET 1 Of 3	

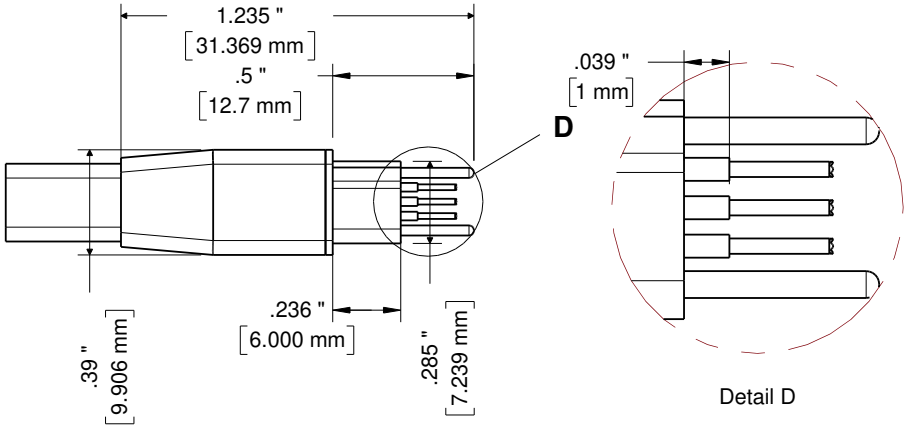
NOTE:
Dimensions subject to change

TC2030-MCP-NL PLUG-OF-NAILS(TM) CABLE

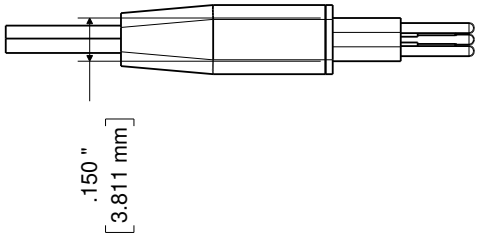
ZONE	REV		
		TC2030-MCP-NL	12/2/10 MS

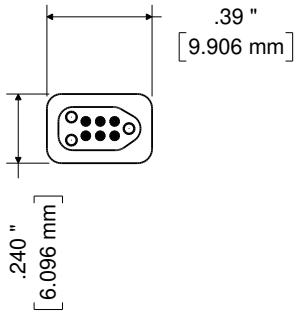


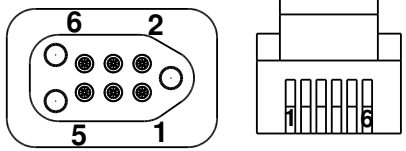




Detail D





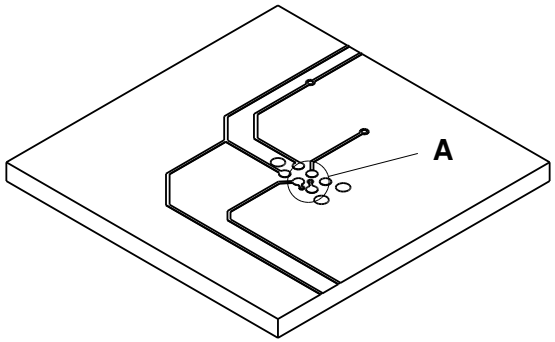


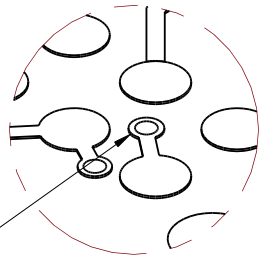
SIGNAL	TAG 6 PIN	RJ12
MCLR / VPP	1	6
VDD	2	5
GND	3	4
PGD(ICSP DAT)	4	3
PGC(ICSP CLK)	5	2
NC / LVP	6	1

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

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

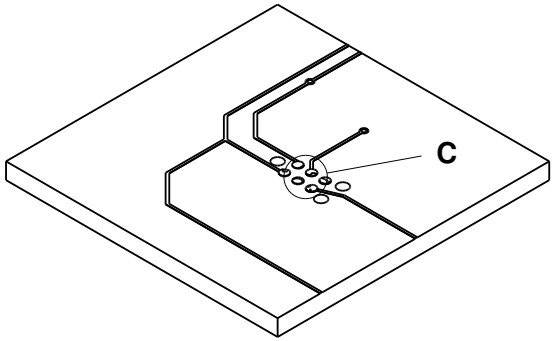
Layout Problems to Avoid

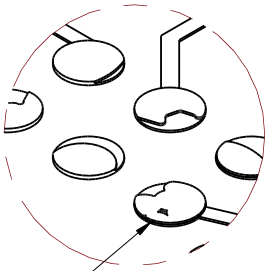




Detail A

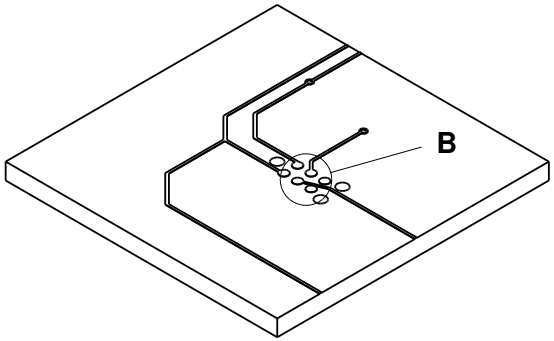
Vias between
contact pads

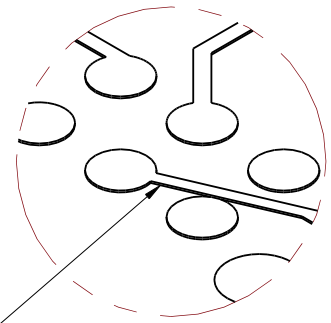




Detail C

Applying solder paste
to contact pads becuase
of holes in solder Paste Mask





Detail B

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