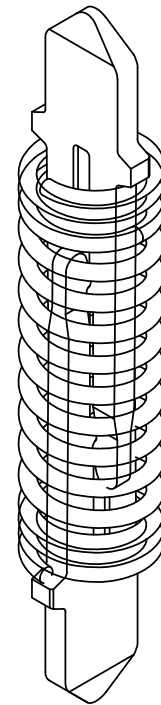
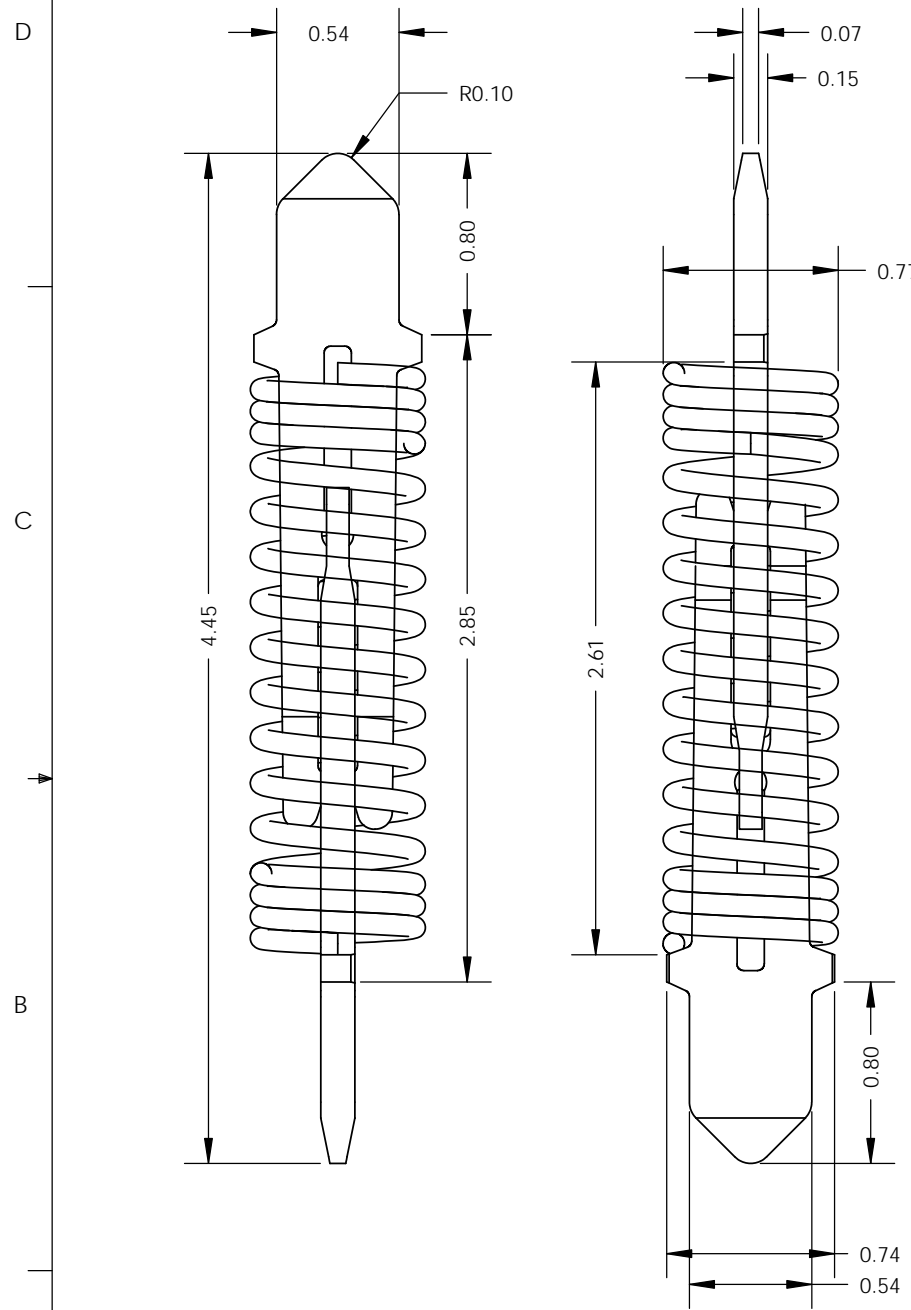
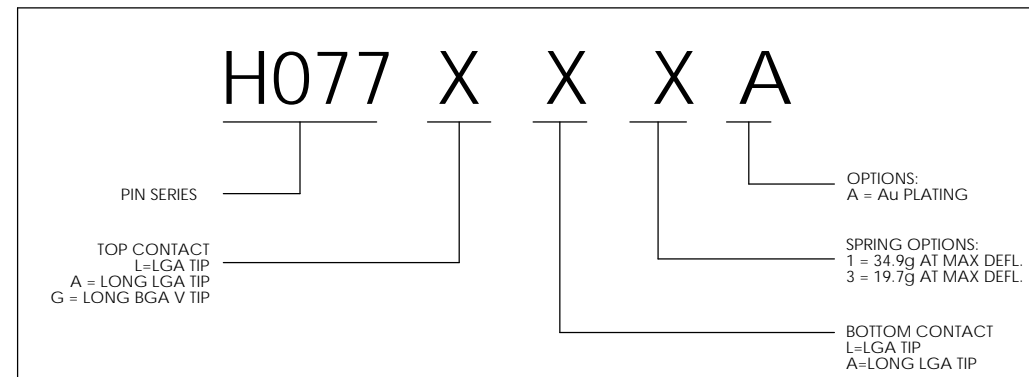


H077LLXA LGA VERSION

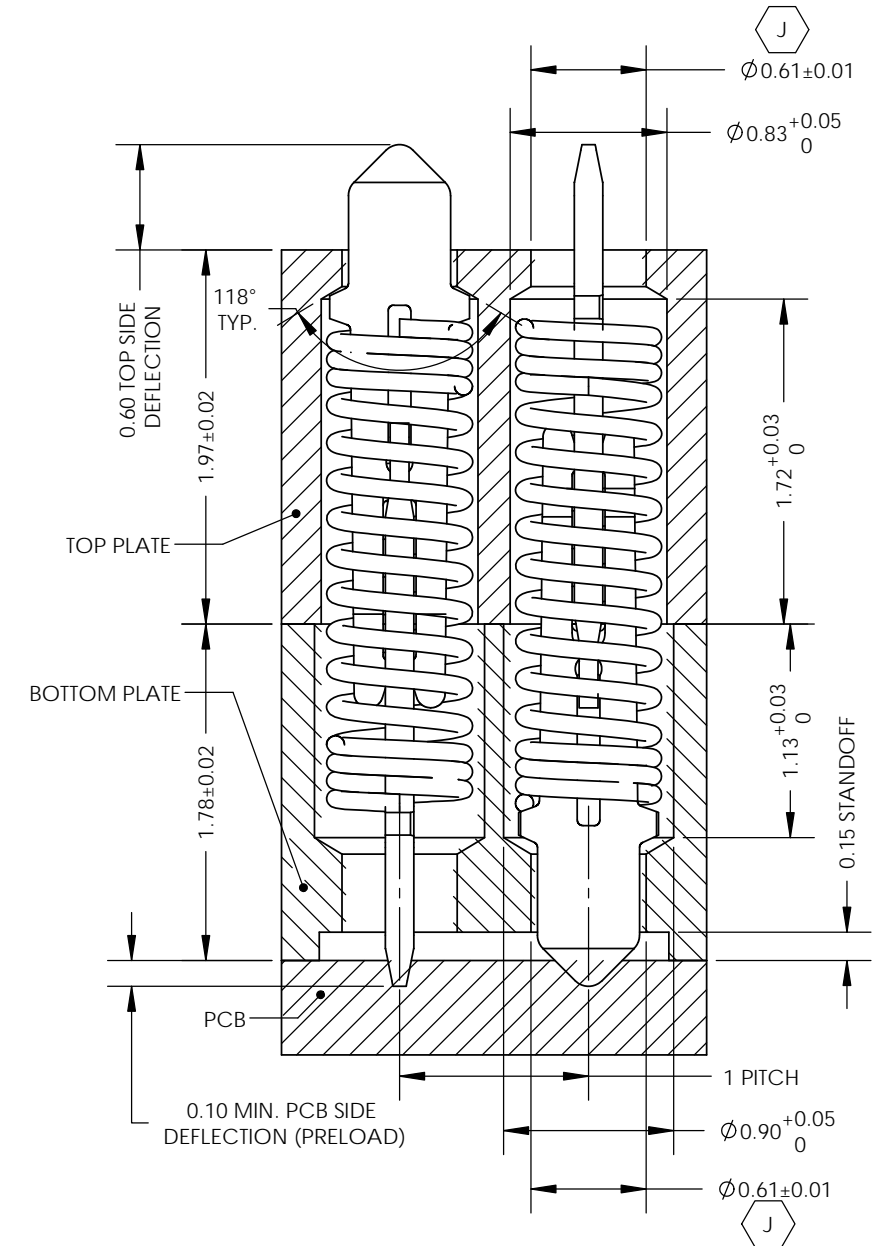
REVISIONS				
REV.	ECO NO.	DESCRIPTION	DATE	DRN
E	09-414	UPDATED PER MKTG REQUESTS	11/19/2009	JMR
F	10-162	PIN CAVITY UPDATES/ VARIOUS FIXES	4/27/2010	KDS
G	10-232	CHG. AL LIFTER PLATE HOLE DIM.	6/24/2010	KDS
H	10-242	CHG. AL TOP PLATE HOLE DIM.	6/30/2010	KDS
J	10-445	UPDATE BGA LIFTER PLATE TO C-BORES	12/2/2010	KDS
K	11-273	ADD AA PIN (S4)	7/1/2011	KDS



H077 SERIES FORCE DATA (Post-Plating)		
DESCRIPTION	H077XX1A	H077XX3A
FORCE @ PIN PRELOAD (0.00mm DEFLECTION)	18.1g	10.1g
FORCE @ PCB MOUNT (0.10mm DEFLECTION)	20.5g	11.5g
FORCE @ WORKING TRAVEL (0.70mm DEFLECTION)	34.9g	19.7g



RECOMMENDED PIN CAVITY DESIGN

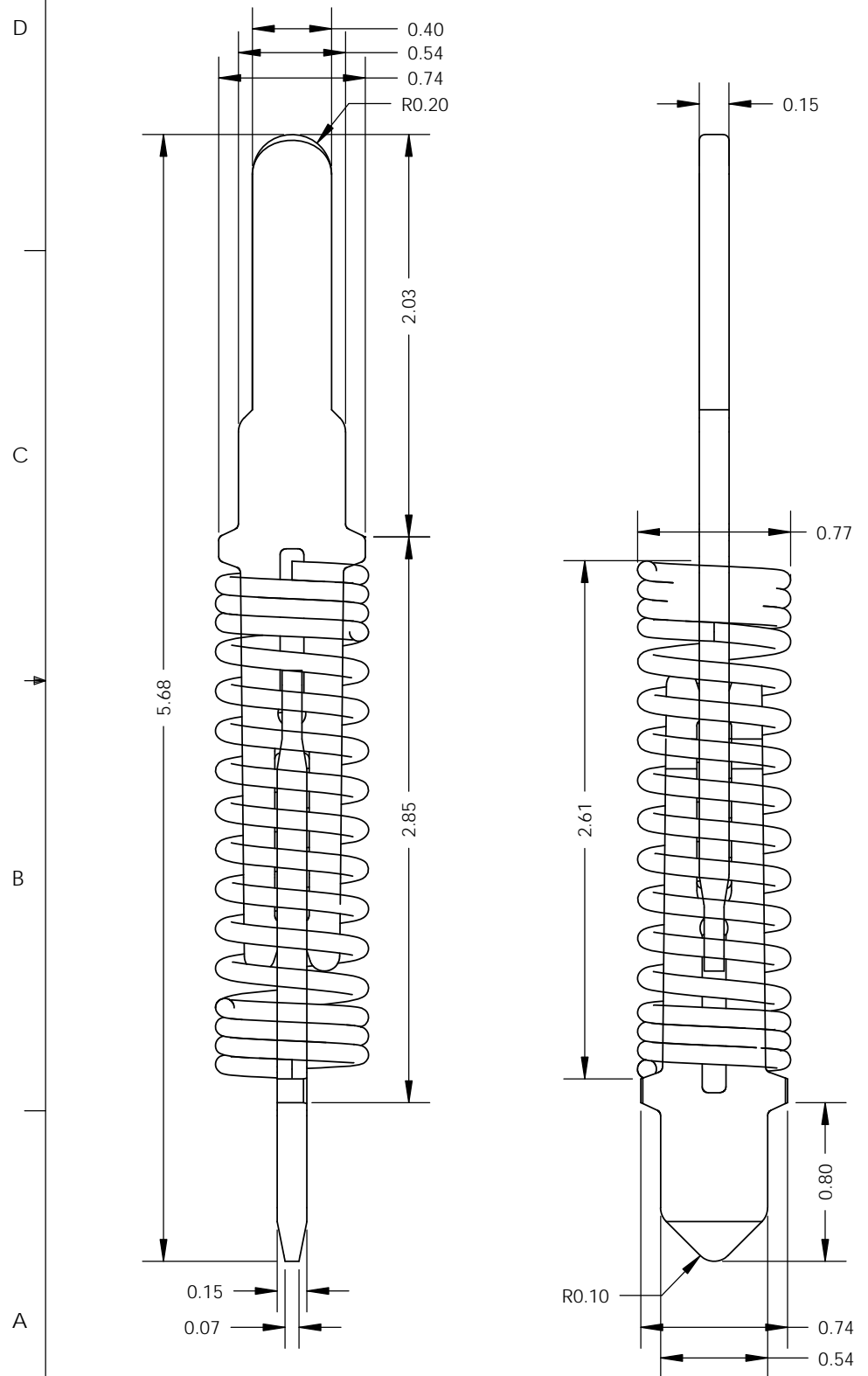


NOTES:

- RECOMMENDED PCB PRELOAD: 0.1mm MIN.
- CONTACT MATERIAL: BeCu, Au PLATED OVER Ni
- SPRING MATERIAL: STAINLESS STEEL, Au PLATED OVER Ni
- POINTING ACCURACY OF TIP: ϕ OF 0.088mm
- OPERATING TEMP: -55°C TO +180°C
- CONTACT RESISTANCE: <30 mΩ
- CURRENT RATING: 4A @ ROOM TEMP WITH 30°C TEMP RISE
- BANDWIDTH @ -1dB: 23.3GHz
- SELF INDUCTANCE : 0.93nH
- MECHANICAL LIFE : >125,000 CYCLES
- PINS ARE SUPPLIED PACKAGED IN AN ANTI-STAT BAG WHICH IS PLACED INSIDE A FOAM-LINED BOX

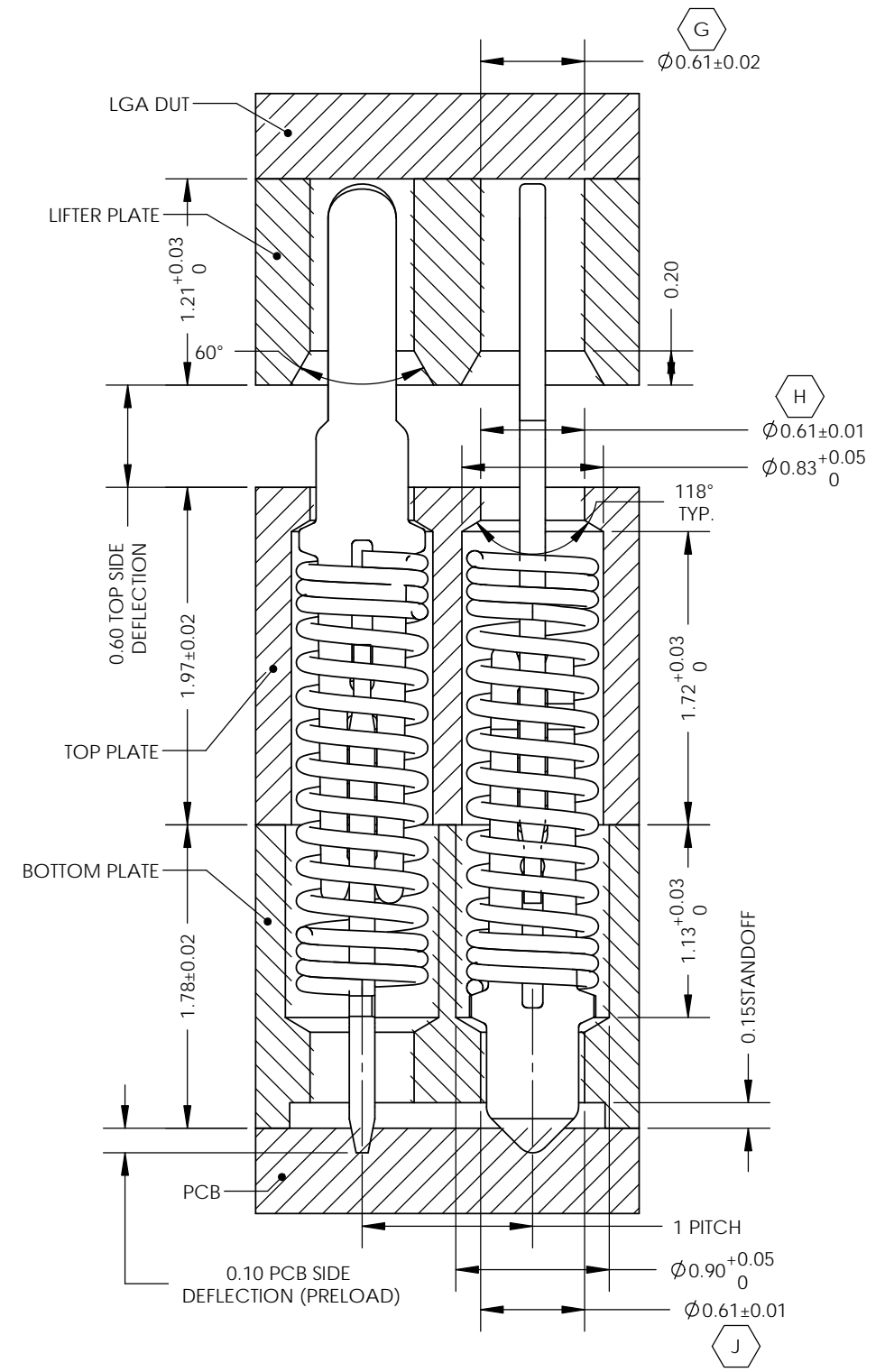
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	CHECKED			MATERIAL: SEE NOTES			
	ENG APPR.			FINISH: NA		REV K	
PROPRIETARY INFORMATION THIS DRAWING AND SUPPORTING CAD DATA IS PROPERTY OF PLASTRONICS SOCKET COMPANY		MFG APPR.		SCALE: VAR.		DWG NO. SH077XXXX	
		SIZE: B	UNITS: mmgs	SHEET 1 OF 4			

H077ALXA LGA VERSION



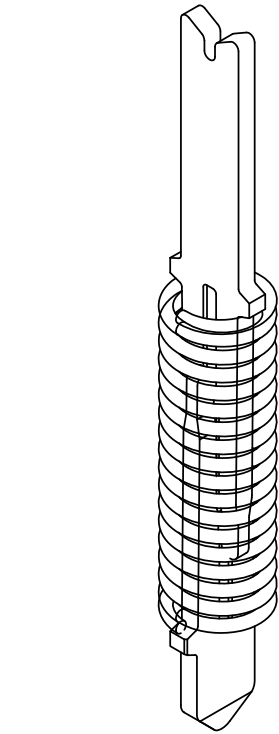
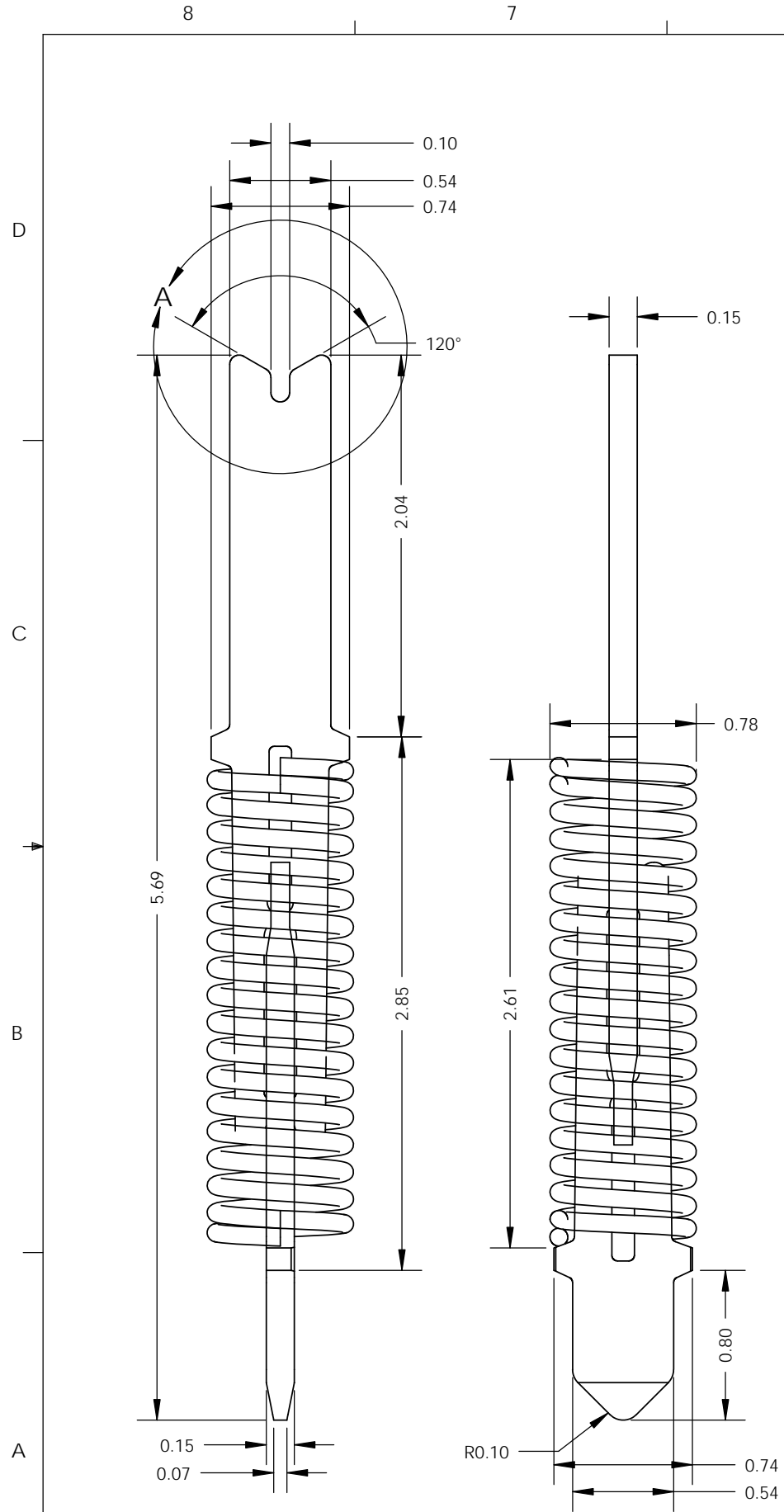
SEE NOTES ON PAGE 1

RECOMMENDED PIN CAVITY DESIGN

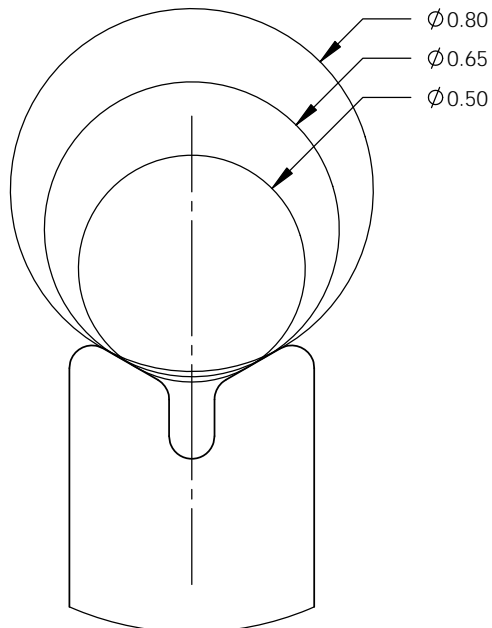


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 DIMENSIONS APPLY AFTER PLATING		DRAWN	KDS		
SOLIDWORKS CREATED FILE		CHECKED			
PROPRIETARY INFORMATION THIS DRAWING AND SUPPORTING CAD DATA IS PROPERTY OF PLASTRONICS SOCKET COMPANY		ENG APPR.			MATERIAL: SEE NOTES
		MFG APPR.			FINISH: NA
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		SCALE: VAR.	DWG NO. SH077XXXX		SHEET 2 OF 4

H077GLXA BGA VERSION

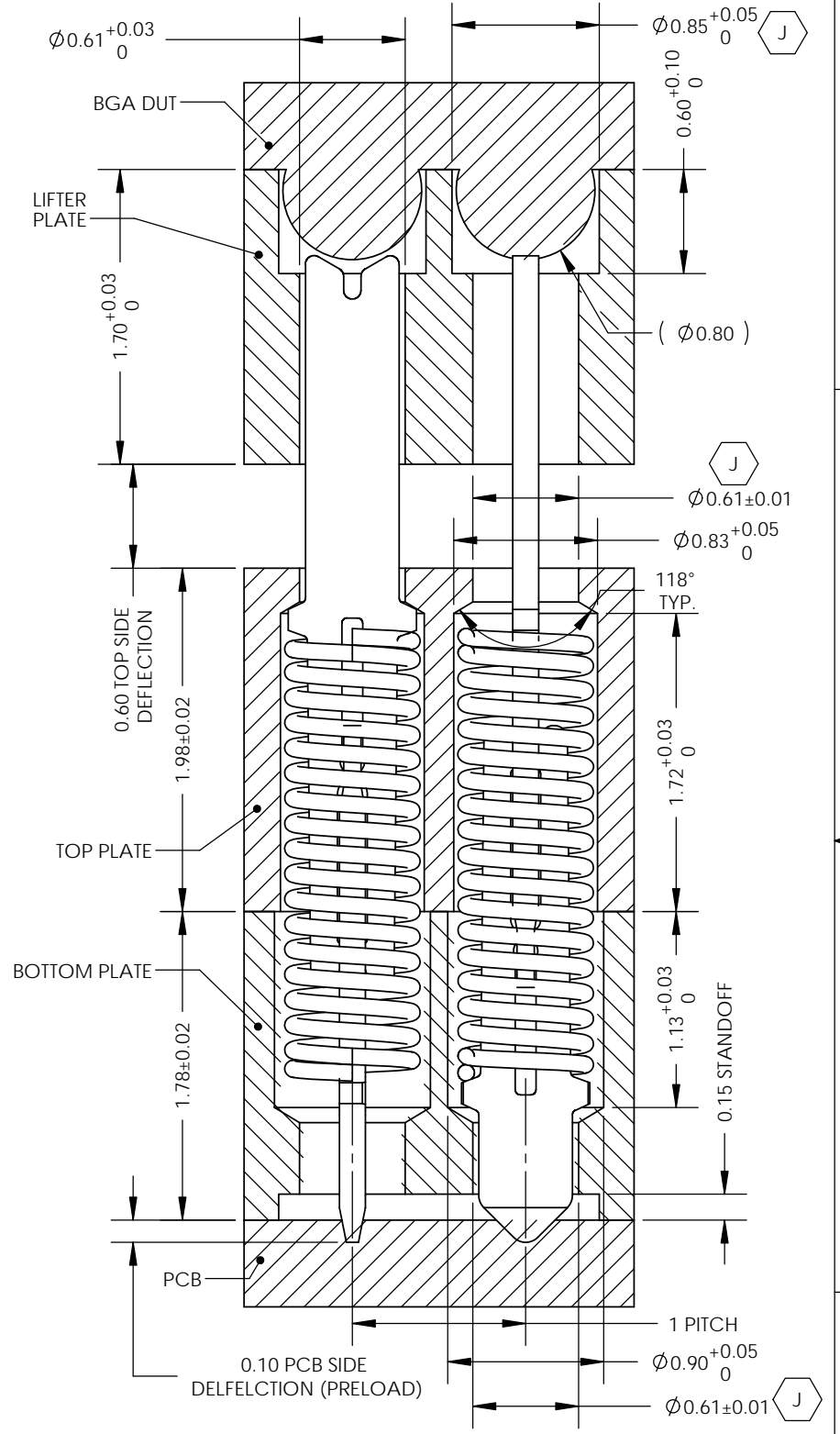


ACCEPTABLE BALL DIAMETERS



DETAIL A
SCALE 60 : 1

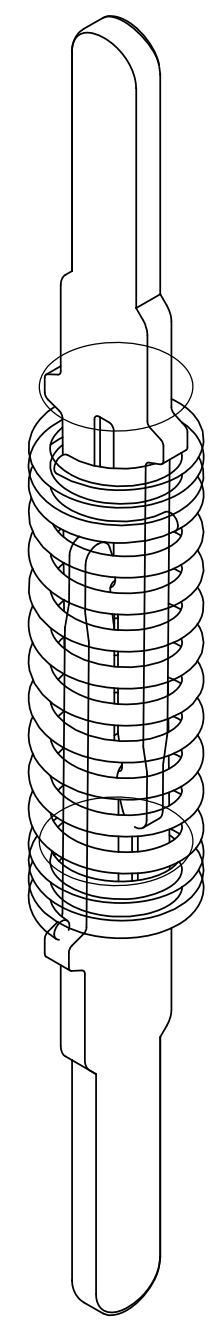
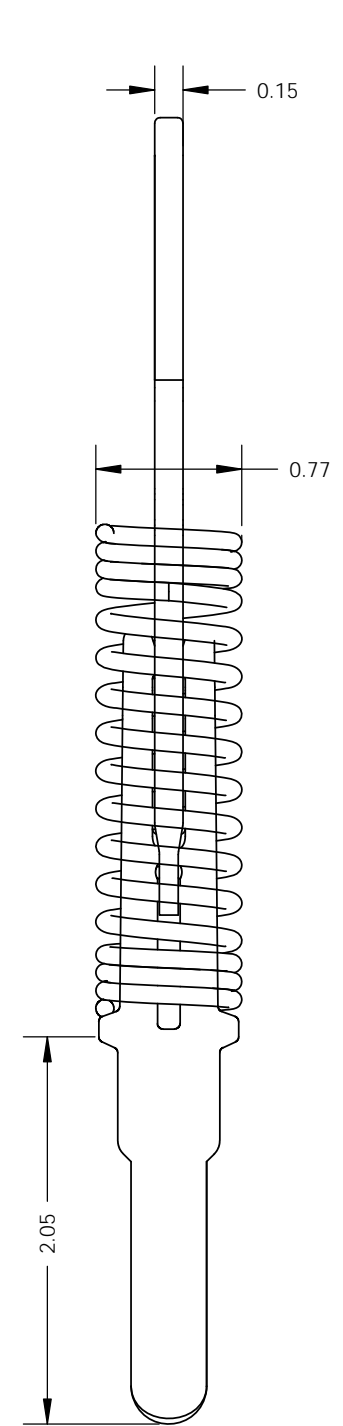
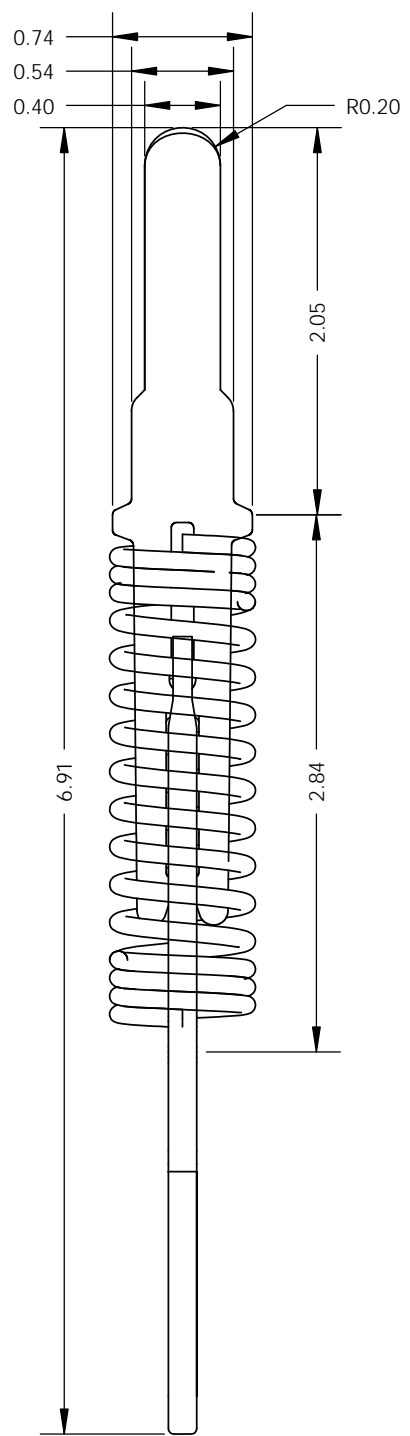
RECOMMENDED PIN CAVITY DESIGN



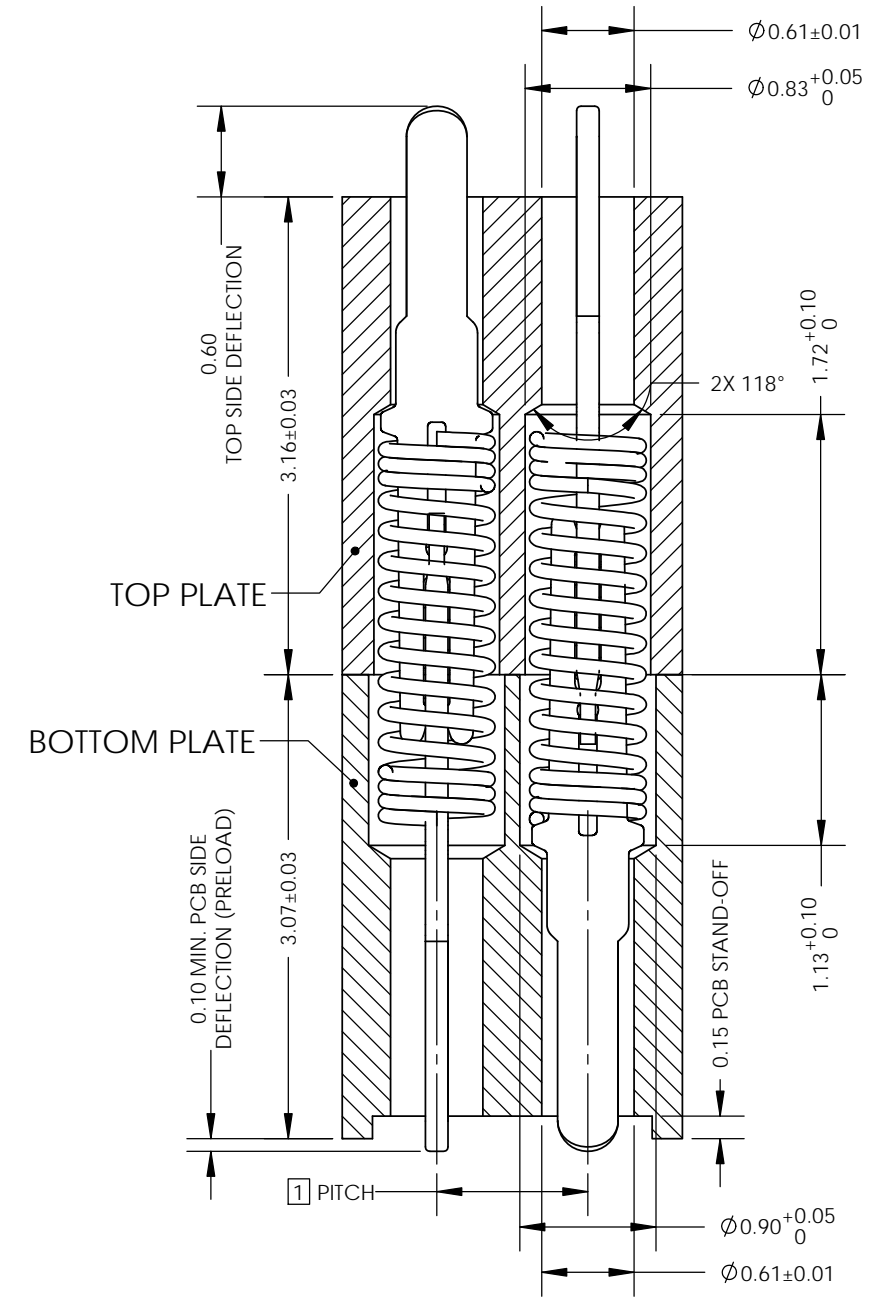
SEE NOTES ON PAGE 1


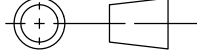
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PROPRIETARY INFORMATION THIS DRAWING AND SUPPORTING CAD DATA IS PROPERTY OF PLASTRONICS SOCKET COMPANY		CHECKED		MATERIAL: SEE NOTES
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		MFG APPR.		REV K
		SIZE: B	UNITS: mmgs	
		SCALE: VAR.	DWG NO. SH077XXXX	SHEET 3 OF 4

H077AA3A LGA VERSION



RECOMMENDED PIN CAVITY DESIGN



UNLESS OTHERWISE SPECIFIED	NAME	DATE	 2601 Texas Drive Irving, TX 75062
	DRAWN	KDS 4/27/2010	
DIMENSIONS APPLY AFTER PLATING	CHECKED		MATERIAL: SEE NOTES
SOLIDWORKS CREATED FILE	ENG APPR.		
PROPRIETARY INFORMATION THIS DRAWING AND SUPPORTING CAD DATA IS PROPERTY OF PLASTRONICS SOCKET COMPANY	MFG APPR.		REV K
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	SCALE: VAR.	DWG NO. SH077XXXX	SHEET 4 OF 4