COPPER ON Pb90/Sn10 SOLDER WIRE PLATES WITH TIN-LEAD Sn60/Pb40
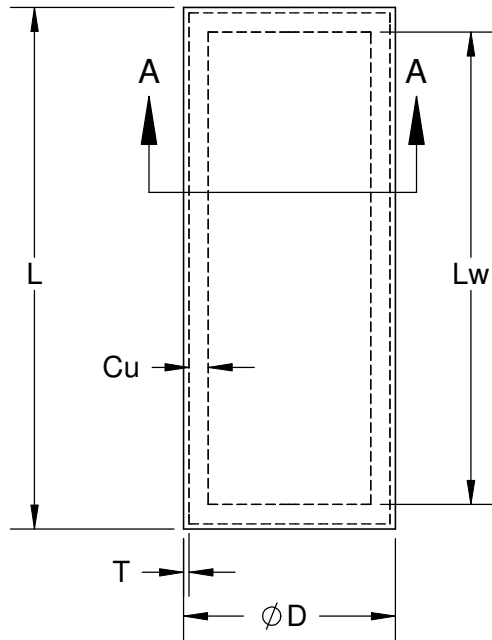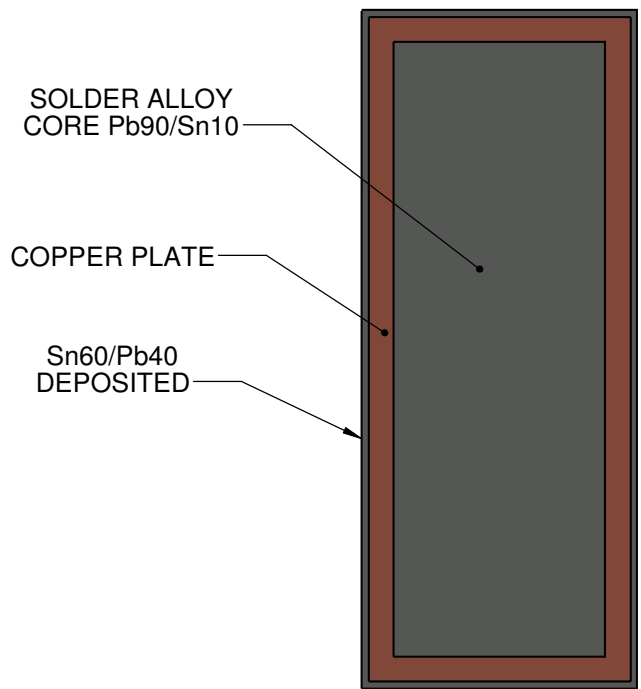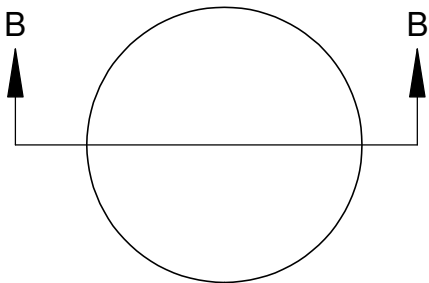
SOLDER ALLOY CORE Pb90/Sn10

COPPER PLATE

Sn60/Pb40 DEPOSITED

SECTION A-A
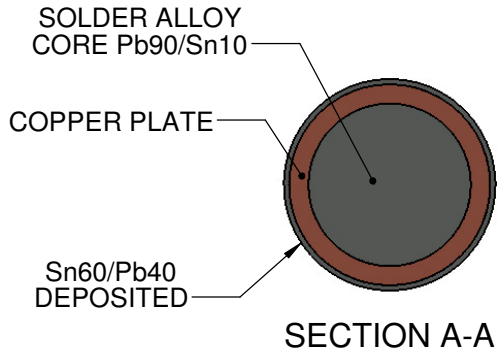
L Length (Inch)	⌀D (Nominal) After Plating	Lw Solder Length	⌀W Solder Core ± 0.4mil	Cu Thickness		T Sn60/Pb40 Thickness MAX	DWG
				MIN	MAX		
0.050" [1.27mm]	0.010" [0.25mm]	0.0047" [1.20mm]	0.0079" [0.20mm]	0.7mil [18μm]	0.8mil [20μm]	0.25mil [6.3μm]	941050
0.060" [1.50mm]	0.0110" [0.28mm]	0.057" [1.45mm]	0.0091" [0.23mm]	0.7mil [18μm]	0.8mil [20μm]	0.25mil [6.3μm]	941160
0.065" [1.65mm]	0.0118" [0.30mm]	0.063" [1.60mm]	0.0098" [0.25mm]	0.7mil [18μm]	0.8mil [20μm]	0.25mil [6.3μm]	941265
0.067" [1.70mm]	0.0130" [0.33mm]	0.065" [1.65mm]	0.0110" [0.28mm]	0.7mil [18μm]	0.8mil [20μm]	0.25mil [6.3μm]	941367
0.070" [1.80mm]	0.0138" [0.35mm]	0.069" [1.75mm]	0.0118" [0.30mm]	0.7mil [18μm]	0.8mil [20μm]	0.25mil [6.3μm]	941470
0.075" [1.90mm]	0.0150" [0.38mm]	0.073" [1.85mm]	0.0130" [0.33mm]	0.7mil [18μm]	0.8mil [20μm]	0.25mil [6.3μm]	941575
0.080" [2.00mm]	0.0157" [0.40mm]	0.077" [1.95mm]	0.0137" [0.35mm]	0.7mil [18μm]	0.8mil [20μm]	0.25mil [6.3μm]	941680
0.087" [2.21mm]	0.020" [0.51mm]	0.082" [2.08mm]	0.0150" [0.38mm]	1.5mil [38μm]	2.0mil [50μm]	0.5mil [12.7μm]	942087
0.100" [2.54mm]	0.020" [0.51mm]	0.095" [2.40mm]	0.0150" [0.38mm]	1.5mil [38μm]	2.0mil [50μm]	0.5mil [12.7μm]	942099
0.087" [2.21mm]	0.022" [0.56mm]	0.082" [2.08mm]	0.0169" [0.43mm]	1.5mil [38μm]	2.0mil [50μm]	0.5mil [12.7μm]	942287
0.100" [2.54mm]	0.022" [0.56mm]	0.095" [2.40mm]	0.0169" [0.43mm]	1.5mil [38μm]	2.0mil [50μm]	0.5mil [12.7μm]	942299

Notes: (Unless Otherwise Specified).
1) COPPER PLATING ON ALL SIDES INCLUDING ENDS.
2) Sn60/Pb40 PLATED ON ALL SIDES INCLUDING ENDS.

APPROVALS	DATE	TopLine ®
DRAWN J. Hines	9/1/14	
ENG M. Hart	9/1/14	TITLE Pb90/Sn10 Solder Column
MFG		Plated with Copper & Sn60/Pb40
QA		SCALE 50:1 / SIZE A / DRAWING NO. 168002 / REV A
CUST		
REVISED		DO NOT SCALE DRAWING SHEET 1 OF 2

B   B

SOLDER ALLOY
CORE Pb90/Sn10

COPPER PLATE

Sn60/Pb40
DEPOSITED

SECTION B-B

TopLine ®

TITLE	Pb90/Sn10 Solder Column Plated with Copper & Sn60/Pb40		
SCALE 65:1	SIZE A	DRAWING NO. 168002	REV A
		SHEET 2 OF 2	