

ISO (metric) Hardware w/Plated Though Hole Padstack Data – Loose Fit									
Pan Head Screw Size	Hardware on PCB	Placement Courtyard	Hole Size	Top Pad	Inner Pad	Bottom Pad	Solder Mask	Plane Anti-Pad	Thermal Relief
M2 x 0.4	Pan Head	4.80	2.30	4.30	4.30	4.30	4.30	3.20	None
M2 x 0.4	Flat Washer	6.00	2.30	5.50	5.50	5.50	5.50	3.20	None
M2.5 x 0.45	Pan Head	5.90	2.85	5.40	5.40	5.40	5.40	3.70	None
M2.5 x 0.45	Flat Washer	7.60	2.85	7.10	7.10	7.10	7.10	3.70	None
M3 x 0.5	Pan Head	7.00	3.50	6.50	6.50	6.50	6.50	4.30	None
M3 x 0.5	Flat Washer	8.20	3.50	7.70	7.70	7.70	7.70	4.30	None
M3.5 x 0.6	Pan Head	7.90	3.90	7.40	7.40	7.40	7.40	4.80	None
M3.5 x 0.6	Flat Washer	9.20	3.90	8.70	8.70	8.70	8.70	4.80	None
ISO (metric) Hardware w/Non-Plated Though Hole Padstack Data – Loose Fit									
Pan Head Screw Size	Keep-out Size	Placement Courtyard	Hole Size	Top Pad	Inner Pad	Bottom Pad	Solder Mask	Plane Anti-Pad	Thermal Relief
M2 x 0.4	5.50	6.00	2.30	1.00	1.00	1.00	2.30	3.20	None
M2.5 x 0.45	7.10	7.60	2.85	1.00	1.00	1.00	2.90	3.70	None
M3 x 0.5	7.70	8.20	3.50	1.00	1.00	1.00	3.50	4.30	None
M3.5 x 0.6	8.70	9.20	3.90	1.00	1.00	1.00	3.90	4.80	None

ISO (metric) Hardware w/Plated Though Hole Padstack Data – Tight Fit									
Pan Head Screw Size	Hardware on PCB	Placement Courtyard	Hole Size	Top Pad	Inner Pad	Bottom Pad	Solder Mask	Plane Anti-Pad	Thermal Relief
M2 x 0.4	Pan Head	4.60	2.10	4.10	4.10	4.10	4.10	3.20	None
M2 x 0.4	Flat Washer	5.80	2.10	5.30	5.30	5.30	5.30	3.20	None
M2.5 x 0.45	Pan Head	5.60	2.60	5.10	5.10	5.10	5.10	3.70	None
M2.5 x 0.45	Flat Washer	7.30	2.60	6.80	6.80	6.80	6.80	3.70	None
M3 x 0.5	Pan Head	6.60	3.10	6.10	6.10	6.10	6.10	4.30	None
M3 x 0.5	Flat Washer	7.80	3.10	7.30	7.30	7.30	7.30	4.30	None
M3.5 x 0.6	Pan Head	7.60	3.60	7.10	7.10	7.10	7.10	4.80	None
M3.5 x 0.6	Flat Washer	8.90	3.60	8.40	8.40	8.40	8.40	4.80	None
ISO (metric) Hardware w/Non-Plated Though Hole Padstack Data – Tight Fit									
Pan Head Screw Size	Keep-out Size	Placement Courtyard	Hole Size	Top Pad	Inner Pad	Bottom Pad	Solder Mask	Plane Anti-Pad	Thermal Relief
M2 x 0.4	5.30	5.80	2.10	1.00	1.00	1.00	2.10	3.20	None
M2.5 x 0.45	6.80	7.30	2.60	1.00	1.00	1.00	2.60	3.70	None
M3 x 0.5	7.30	7.80	3.10	1.00	1.00	1.00	3.10	4.30	None
M3.5 x 0.6	8.40	8.90	3.60	1.00	1.00	1.00	3.60	4.80	None