

PCB Specifications:
 General Requirements

Material	FR-4 (Standard) or FR-4 (High Tg)	Thickness	0.50Z-5.0Z
Panel Size	0.2mm	Panel Size	0.2mm
Surface Finish	OSP or HASL	Thickness	0.1-5mm
Drill Tolerances	±0.01mm	Drill Tolerances	±0.01mm
ISO9001	UL	SGS	Q / ISO9001
Weight	0.01kg -5kg	Weight	10
PCBA	PCBA	PCBA	0.2mm
Price	\$ 0.1 - \$ 10	Price	\$ 0.1 - \$ 10
design	0.01m3-10m3	design	0.01m3-10m3

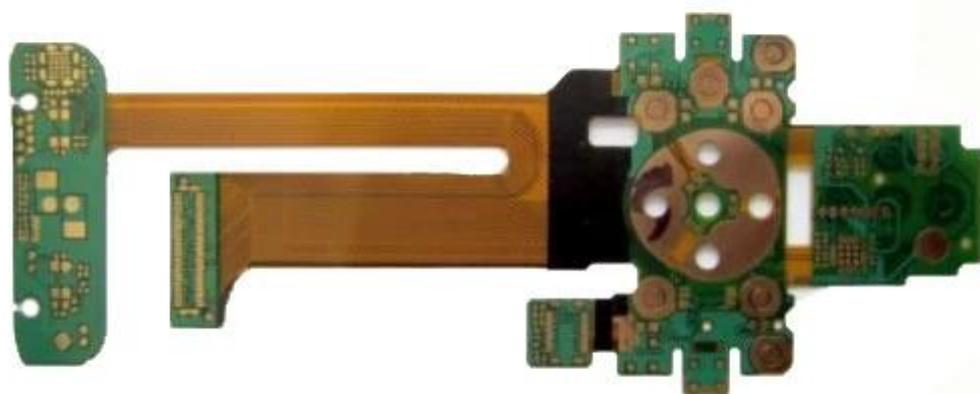
Lead Time	16 weeks (Standard) or OEM (Special)
Lead Time	7-12days

General Requirements

FR4, Megtron, Nelco, Rogers, Heavy Copper, etc.

Item	2014		2015 ~ 2016		2017 ~ 2018	
	Value	Value	Value	Value	Value	Value
Thickness	32	42	38	44	42	48
Panel Size / Drill Tolerance (µm)	50/50	40/45	40/45	40/40	35/40	35/35
Surface Finish (µm)	0.15	0.10	0.15	0.10	0.15	0.10
PTH	14: 1	16: 1	16: 1	18: 1	18: 1	20: 1
N + C + N	4 + C + 4	5 + C + 5	5 + C + 5	6 + C + 6	5 + C + 5	6 + C + 6
Drill Tolerance	5 + 2 + 5	6 + 2 + 6	5 + 2 + 5	6 + 2 + 6	5 + 2 + 5	6 + 2 + 6
Panel Size	50	40	40	30	40	30
Surface Finish (µm)	75	65	65	50	50	40
Drill Tolerance / Panel Size	50	40	40	30	40	30
Material	FR4, Megtron, Nelco, Rogers, Heavy Copper, etc.					
Surface Finish	OSP	OSP	OSP	OSP	OSP	OSP
Design	HASL, ENIG, OSP, etc. (Standard) or OEM (Special)					

O-LEADING
To Be Reliable, To Be Valuable



www.o-leading.com