PCB MANUFACTURING SPECIFICATIONS "FRM-MW DIODE DETECT."

SPECIFICATIONS

of Edit 10/1110110			
NOTE#	NOTE		
1	ALL SPECIFICATIONS REFERENCED ARE OF THE REVISION SPECIFIED IN THE TITLE BLOCK		
2 SUPPLIER SHALL NOT MODIFY THE DESIGN OR APPROVED STACK-UP WITHOUT WRITTEN PERMISSION			
3	ALL MATERIALS SHALL BE ROHS COMPLIANT AND FINAL PRODUCT SHALL BE ACCEPTABLE TO USE IN ROHS ASSEMBLY. ROHS LOGO SHALL BE MARKED IN SILKSCREEN INK NEAR BY THE SUPPLIER.		
4	COPPER FOIL: REFER TO LAYER STACK LEGEND FOR Cu THICKNESS DETAILS. ALL Cu THICKNESSES ARE FINISHED AND INCLUDE BASE FOIL PLUS Cu PLATING ON PLATED LAYERS ELECTRICAL TEST: ALL PRINTED CIRCUITS SHALL BE 100% ELECTRICALLY TESTED FOR OPENS/SHORTS USING PROVIDED NETLIST. REJECTED PRINTED BOARDS MUST BE CLEARLY MARKED WITH NON-CONDUCTIVE, PERMANENT INK.		
5			
6	MARKINGS: VENDOR MARKING AND DATE/LOT CODES SHALL BE LOCATED ON THE BOARD IN THE RESERVED AREA AS SPECIFIED IN THE GERBER LAYER "PCBM_NOTES" BY THE TEXT "YOU CAN PLACE MARKINGS HERE".		
7	MARKINGS: THE SIDE ONTO WHICH PLACE THE MARKINGS IS AT THE SUPPLIER DISCRESSION UNLESS OTHERWISE NOTED ONTO THE LAYER "PCBM_NOTES"		
8	SUPPLIER SHALL CHECK PCBM_NOTES LAYER BEFORE ASKING FOR CLARIFICATIONS		
9	MANUFACTURE TENTED/PLUGGED VIAS AS SPECIFIED IN THE GERBER FILES		

Layer Stack Legend

Material Layer Thickness Dielectric Material Type

Top Overlay

Surface Material Top Solder

0.03mm SM-001 Solder

Legend GTO Surface Material Top Solder Solder Mask GTS 0.03mm SM-001 **Top Copper Plating** 0.02mm Surface Finish Lead-Free CF-004 Top Layer 0.04mm Signal GTL Core 1.50mm Dielectric GBL CF-004 **Bottom Layer** 0.04mm Signal Bottom Copper Plating 0.02mm Surface Finish 0.03mm SM-001 Surface Material Bottom Solder Solder Mask GBS **Bottom Overlay**

Total thickness: 1.66mm NON-COPPER LAYER THICKNESS FOR REFERENCE ONLY LAYERS OF TYPE "INTERNAL PLANE" ARE NEGATIVE

SPECIFICATIONS

	LENGHT	38
	WIDTH	28
	LAYERS	2
	MATERIAL	FR-4
	MATERIAL MIN TG	130-140
	TRACK WIDTH/CLEARANCE	8 mils / 8 mils
	THICKNESS	1.6mm
_	COPPER THICKNESS	35um (1oz)
	SOLDERMASK	YES, TOP AND BOTTOM
	SOLDERMASK COLOR	RED
	SILKSCREEN	YES, TOP AND BOTTOM
	SILKSCREEN COLOR	WHITE
	SURFACE FINISH	HASL LEAD FREE
	GOLD FINGERS	NO
	CHAMFERING	NO
	IMPEDANCE CONTROL	NO
	HALF-CUT/CASTELLATED HOLES	NO
	BURIED/BLIND VIAS	NO
	VIAS FILLED WITH RESIN	NO
	CARBON MASK	NO
	COUNTERSINKS/COUNTERBORES	NO
	Z-AXIS MILLING	NO
	PEELABLE SOLDERMASK	NO

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Gerber



