

CERTIFICATE OF COMPLIANCE

Customer Name: Guangzhou Fastprint circuit tech co.,ltd
Customer Order: XSKJ1305-0811
Customer Part:
Customer Spec:

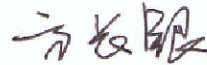
Rogers Order: RSZ0023853-1-1-1
Rogers Part: 2007466
Rogers Cert No:47080-4538

Product Description: 4003C 48X36 1E/1E 0120+-001/DI
Material Type: RO4003C (DK=3.38 +-0.05)
Dielectric Thickness: 0.012 inch +-0.001 inch (0.30 mm)
Top Cladding: 1 oz/sqft (35 µm) ED copper
Bottom Cladding: 1 oz/sqft (35 µm) ED copper
Width: 48 inch (1219.2 mm)
Length (Grain): 36 inch (914.4 mm)

Property	Test Conditions/Parameters	UOM	Specification		Test Results		
			Min	Max	Min	Max	Note
Peel Strength	Thermal Stress	lbs/in	4.00	-	6.88	-	1 oz
Dissipation Factor	10 GHz	-	-	0.0035	-	0.0034	
Dielectric Constant	10 GHz	-	3.33	3.43	3.34	3.37	

<u>Lot</u>	<u>DOM</u>	<u>Quantity</u>
00112748	08-NOV-2012	15
Total Shipped		15

Notes
RO4000® High Frequency Materials
Country of Origin: CHN
Tested in accordance with IPC-4103/10



Certified By: Hong Zhu Date: 03-jun-2013

Rogers' Notes & Proviso

1. Laminate Surface Quality Inspected per IPC-4103 Class "A" unless otherwise agreed to by Customer and Rogers Corp.
2. Laminate using Ohmega foil is twice Class "A" unless otherwise agreed to by Customer and Rogers Corp.
3. Peel strength value reported is the minimum found for all samples tested by copper weight per load.
4. Fabrication guidelines, datasheets, and MSDS at Rogers website <http://www.rogerscorporation.com/acm/literature.aspx>
5. RT/duroid, RO2800, RO4000, RO3000, TMM, ULTRALAM, XT/duroid, LoPro, SYRON and THETA are trademarks or registered trademarks licensed exclusively to Rogers Corporation.
6. RoHS Compliant.