

# **Commercial Capacitor Options**

Task Force “C”

Last Updated: Feb. 25th, 2014

DocDB 3219-v2

<b>Comp.</b>	NA48	Teledyne	Exxelia (French)	TTI inc.	Dearborn	
<b>Cap. [nF]</b>	2.72	10nF	1-27 nF	10nF	1-1500nF	
<b>WVDC [kV]</b>	5 / 3(?)	16	0.5-5	2.5	1.5-20	
<b>Length</b>	319 mm	3.31"	33 - 48.7 mm	10.7 mm	0.5-4"	
<b>Width</b>	60 mm	2.18"	17.5 - 30.5 mm	20.8 mm	1-2"	
<b>Thickness</b>	8.25 mm	0.34"	8 - 18.5 mm	23.1 mm	~0.5"	
<b>Cost</b>	?	117.24	?	~20	?	
<b>Leadtime</b>	?	16 in stock	?	3,010 units	18 weeks...	
<b>Special Notes</b>	Failed at some point during running	Waiting on lead time of a larger (65 unit order)	Parent company of Dearborn...	In stock, voltage rating too low for MicroBooNE	Long lead time	

**Legend**



Not suitable



Possible Solution

# Teledyne 10nF Cap. @ 16kV

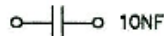
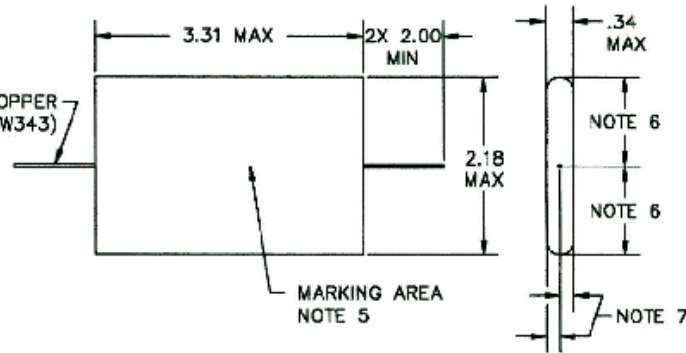
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 DOCUMENT CONTROL

**NOTES:**

- DISSIPATION FACTOR: .005 MAX @ 25° C, 1 KHZ.
- CAPACITANCE: 9 - 11 nF.
- DIELECTRIC WITHSTANDING VOLTAGE:  
 15 kV RATED  
 18 kV BURN-IN FOR 2 HRS @ 100° C  
 21 kV PROOF FOR 5 SECONDS
- MYLAR WRAPPED, EPOXY ENDCAPPED.
- INK MARKING:  
 M103A153A001  
 RI 7W970  
 10NF ±10% 15000WVDC  
 DATE CODE
- EQUALLY DISTANT WITHIN .545,  
 BOTH ENDS.
- EQUALLY DISTANT WITHIN .136,  
 BOTH ENDS.

REVISIONS			
LETTER	DESCRIPTION	DATE	APPRVD
-	INITIAL RELEASE. ER 009	0221 03	DAC

2X .04 TINNED COPPER  
 (18 AWG IAW QQW343)



FUNCTIONAL  
 DIAGRAM

THIS IS A COMPUTER GENERATED DRAWING.  
 ALL CHANGES ARE MADE BY COMPUTER ONLY.

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN N ROCK	11-13 02	REYNOLDS INDUSTRIES, INC. 3070 SKYWAY DR BLDG 301 SANTA MARIA, CA 93455
		TOLERANCES FRACTIONS ± ANGLES ± DECIMALS .XXX DECIMALS .XXX±	CHECK DAC	0100 03	
		MATERIAL	APPR <i>R.R. Reynolds</i> 10/03		CAPACITOR, RECON MICA 10 nF ±10% 15000 WVDC
		FINISH	THIS DOCUMENT, THE DRAWINGS AND TECHNICAL DATA CONTAINED HEREIN ARE THE PROPERTY OF REYNOLDS INDUSTRIES INC. REPRODUCTION OR DISSEMINATION IN ANY FORM, EXCEPT AS EXPRESSLY AUTHORIZED BY THE OWNER, IS FORBIDDEN. THE HOLDER AGREES TO RETURN THIS DOCUMENT TO THE OWNER ON DEMAND.		SIZE B
NEXT ASSEMBLY		USED ON	CODE IDENT 7W970	DRAWING NO M103A153A001	REV -
APPLICATION			SCALE: 1 = 1		

# Teledyne 10nF Cap. @ 16kV



**TELEDYNE  
REYNOLDS**  
Everywhere you look  
Teledyne Reynolds, Inc.  
5025 Macomber Avenue  
Los Angeles, CA 90008 6716  
(310) 823-5491

## QUOTATION

Form: 22414 Page 1

To:	UNIVERSITY OF CHICAGO EDWARD F. LEVL HALL 5001 SOUTH ELLIS AVENUE CHICAGO IL 60637 United States	From:	PHAWNTA AVERY Location: LOS ANGELES Phone: 310-823-5491 EXT 980 Fax: 310-822-8040 PHAWNTA.AVERY@TELEDYNE.COM
	JOSEPH ZENAMC 773-702-1234		

DATE QUOTE	QUOTE	YOUR RFC#	SALES REPRESENTATIVE
1/26/01	QT 10732		dyles

LINC	PART NUMBER / DESCRIPTION	QUANTITY	UNIT PRICE	EXTENSION
	<p>-QUOTE VALIDITY: 60 DAYS -MINIMUM ORDER \$500.00. -UNLESS OTHERWISE STATED ON PURCHASE ORDER, TRI PRESUMES EARLY/PARTIAL DELIVERY IS ACCEPTABLE. -ACTUAL DELIVERY WILL BE PROVIDED AT TIME OF ORDER</p> <p>The University Checklist must be completed, signed and provided with the Purchase Order. The Purchase order will not be acknowledged or booked until an acceptable checklist has been received.</p>			
01	MICROCAPS 10 nF ±10% 16000 BVDC BRON MT	10,000	117.240	1,172.40
	<p>Stock Availability: There is 16000 in stock. Stock is subject to change due to prior sales. There is a 1wk lead time on all stock items).</p>			

Seller's Offer, and any order issued by Buyer to Seller for the goods and/or services specified herein, is strictly limited to Seller's Terms and Conditions of Sale which can be found at [www.teledynereynolds.com](http://www.teledynereynolds.com). Lead Time(s) shown are estimates subject to item availability. Actual lead time(s) will be provided at time of order. Unless otherwise stated on purchase order, TRI presumes early/partial delivery is acceptable. Payment terms are subject to Credit Department approval.

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