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 Reference No. 10000854
 Tucson, AZ 85714
 Reference No. 10003647

MATERIAL SPECIFICATION SHEET

**#08 133/29 TINNED COPPER 3/64" PVC
 RoHS COMPLIANT**

**MACHINE TOOL WIRE 600v N.E.C. STANDARD BC-5W2 OR
 AWM STYLES 1028/1231/1015/1344 105c 600v OR
 AWM 1032 90c 1000v OR AWM 1336 90c 600v VW1
 CSA TEW OR AWM I A/B 105c 600v OIL & WATER RESISTANT 75c FT1**

CONDUCTOR:	#08 133/29 TINNED COPPER CONDUCTOR
	NOMINAL O.D. .161"
	APPROXIMATE CIRCULAR MILL AREA 16,500
	WEIGHT PER THOUSAND FEET 51.00#
	BASIC SPECIFICATION ASTM B 173
PVC:	TEMPERATURE RATING 105c
	VOLTAGE RATING 600 VOLTS
	ELONGATION 320% AVERAGE
	TENSILE STRENGTH 2450 PSI AVERAGE
	SPECIFIC GRAVITY 1.34
	DUROMETER (SHORE) 85 (A)
	OXYGEN INDEX 25
	BRITTLE POINT -25c
	SPARK TESTED 12,500 VOLTS
	NOMINAL O.D. .260"
	WEIGHT PER THOUSAND FEET 70.25#
USE:	INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO TEMPERATURES NOT EXCEEDING 105 DEG C: OR WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60 DEG C. MOISTURE RESISTANT 60C. 2500 VOLTS PEAK – FOR ELECTRONIC USE ONLY.

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