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DCN SHEET NO.	2.0	2.0 Applicable Documents: The following documents of the issue in effect on the date of invitation for bids form a part of this drawing to the extent specified herein.				
		Federal Specifications				
		TT-I-735 Isopropyl Alcohol				
Ö		Military Specification				
		MIL-W-16878 Wire, Electrical, Insulated, General Specification for				
		Rockwell Collins Drawings				
		839–0521 Etched Teflon Wire Adhesion Procedure				
	3.0	Requirements:				
TEVISION NO.	3.1	Working Voltage: 250 volts.				
	3.2	Mechanical:				
	3.2.1	Conductor: Silver coated copper (solid).				
REV	3.2.1.1	Conductor American Wire Gauge (AWG) Size: See Table I herein.				
	3.2.1.2	Conductor Stranding: See Table I herein.				
	3.2.2	Insulation: Polytetrafluoroethylene in accordance with (IAW) MIL-W-16878.				
_	3.2.2.1	Insulation Diameter: See Table I herein.				
	3.2.2.2	Insulation Color: See Table I herein.				
	3.2.3	Etching: Medium etch with a sodium etching process.				
ONLY:	3.2.3.1	Etched insulation shall have a uniform, dull color. Surfaces of treated parts shall be uniform in texture and appearance. There shall be no bare areas where etching was intended.				
CENTER USE ONLY:	3,2.4	Bond Strength: 30 pounds per square inch (psi) minimum when tested IAW 4.4.1 herein or IAW manufacturer's approved procedure. Manufacturer must notify Rockwell Collins on procedure change.				
EVISION CE	3.2.5	Marking: Each reel or package shall be permanently and legibly marked with the manufacturer's name or trademark or cage code and the manufacturer's part number as a minimum.				
8	3.3	Environmental:				
FOR RE	3.3.1	Temperature Range: -65°C to +200°C.				
Ω	3.4	Shelf Life: Shelf life shall be 3 years after receipt at the procuring activity when stored unopened at +21°C - +27°C, 30% - 70% relative humidity, and in a clean, dark place. Material which exceed manufacturer's shelf life shall not be used unless recertified (See 6:2 therein).				
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		SIZE CAGEC DWG NO REV				
		A 13499 428-0298 LTR B				
L		SCALE NONE SHEET 2				

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SCALE NONE

SHEET 3

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TABLE I

Rockwell Collins Dash Number, Conductor Size, Insulation Color, Insulation Outside Diameter and Stranding

	Conductor Size	Insulation Color (1.)	insulation Outside Diameter (in)		
Dash No			Max	Min	Stranding
010	36 AWG	Green	.019	.013	1 X 36
020	36 AWG	Red	.019	.013	1 X 36
030	36 AWG	Yellow	.019	.013	1 X 36
040	36-AWG	Blue	019	013	1-X-36
050	36 AWG	Black	.019	.013	1 X 36
060	36 AWG	Brown	.019	.013	1 X 36
070	36 AWG	Orange	.019	.013	1 X 36
080	36 AWG	White	.019	.013	1 X 36
090	34 AWG	Black	.020	.014	1 X 34
100	34 AWG	Brown	.020	.014	1 X 34
110	34 AWG	Red	.020	.014	1 X 34
120	34 AWG	Orange	्र ्रह् र, .020	.014	1 X 34
130	34 AWG	"Green	.020	.014	1 X 34
140	34 AWG	Blue	.020	.014	1 X 34
150	34 AWG	,White.	.020	.014	1 X 34

Notes:

 Treated wire surface shall have a dull surface appearance with a slight darkening of its original color.

SIZE	13499	128-0298	•	REV B
SCALE	NONE		SHEE	T 6

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