



CONDUCTOR - #22 AWG 19/34 NICKEL PLATED COPPERWELD
O.D. - .031 NOMINAL

INSULATION - KAPTON TAPES, WRAPPED AND FUSED
O.D. - .039/.042

DIP COAT - MODIFIED POLYIMIDE
WALL - .00055 MINIMUM
O.D. - .041/.044

IMPULSE DIELECTRIC - 8.0 KV (PEAK) BEAD CHAIN TESTING

NOTES:

- THE PROCUREMENT DEPT. SHALL SPECIFY THE DSC AND MANUFACTURER'S PART NUMBER ON THE PURCHASE ORDER.
- THE WIRE SHALL MEET THE FLAMMABILITY REQUIREMENTS AS SPECIFIED IN FAR 25.1359(d).
- THE MANUFACTURERS QUALITY SYSTEM SHALL MEET AS A MINIMUM THE REQUIREMENTS OF AQAP.4

DASH NO.	APPROVED VENDORS	
-1	CHAMPLAIN CABLE	HARBOUR IND.
	30-02725 30-05554	5411 SBA

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REVISIONS					
CHANGE	ITEM NO	DESCRIPTION	DATE	DRAWN	CHECKED
A		Revised Champlain P/N	27 AUG 90	M. Burns	P. LAM
B		CANCELLED DSC 438 WIRE SUPERSEDED BY M22759/90-22-5 WIRE	30 APR 99	B. McDonald	De Havilland

REQUIREMENTS-UNLESS OTHERWISE SPECIFIED			SOURCE CONTROL DRAWING	
GENERAL		LIMITS	Only the item(s) listed on this drawing and identified by vendor's name, address(es) and part number(s) have been approved by the de Havilland Aircraft Company of Canada for use in DHC aircraft. A substitute item shall not be used without prior approval by the de Havilland Aircraft Company of Canada.	
1. DIMS ARE IN INCHES 2. SURFACE ROUGHNESS 125 \sqrt{R} MAX. 3. REMOVE SHARP EDGES .015 MAXIMUM ON MACHINE PARTS 4. EDGE FINISHING ON PARTS IN ACCORDANCE WITH P.P.S. 37-40 5. THREADS IN ACCORD- ANCE WITH MIL-S-7745		1. DECIMALS 1 PLACE $\pm .1$ 2 " $\pm .00$ 3 " $\pm .010$ 2. DIMENSIONS & TOLER- ANCES APPLY AFTER PLATING 3. ANGLES $\pm 0^{\circ}00'$	de HAVILLAND A DEHAVILLAND COMPANY CANADA	
DRAWN K. RAI 3 APRIL 89 CHECKED <i>[Signature]</i> 3 APRIL 89 APPROVED <i>[Signature]</i> 3 APRIL 89 MTL & STDS <i>[Signature]</i> 3 APRIL 89 STRESS <i>[Signature]</i> 3 APR 89 CH. DRAFTN. <i>[Signature]</i>		DRAWING TITLE WIRE, NICKEL PLATED COPPERWELD		
REPORT ALL DRAWING ERRORS TO ENGINEERING		DWG SIZE B	CODE IDENT NO. 71867	DRAWING NO. DSC 438
		SCALE	WGT CALC	ACTUAL
		SHEET / OF		RELEASE R