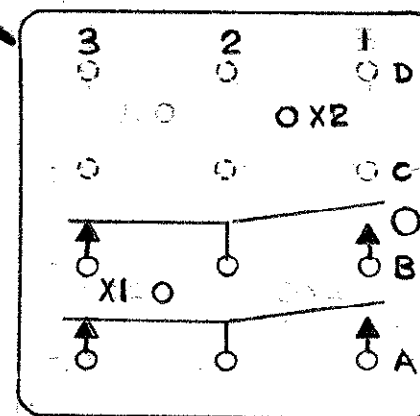
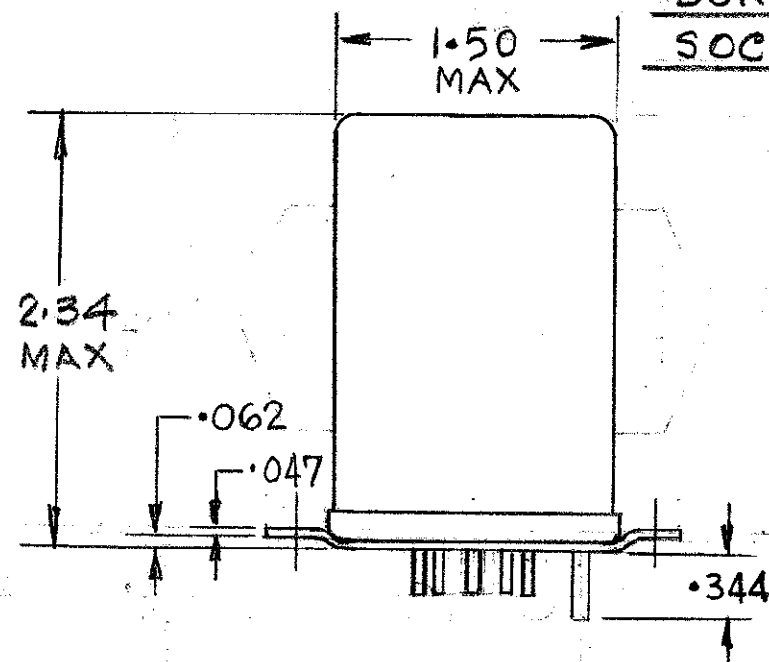


THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED

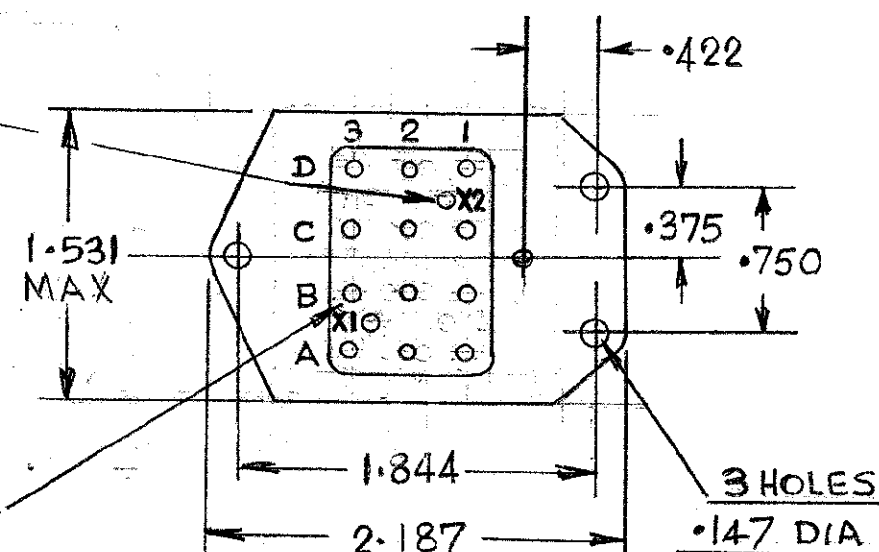
PIN IDENTS ARE REF
ONLY AND DO NOT
APPEAR ON HEADER.
HEADER MATES WITH
BURNDY CRIMP TYPE
SOCKET MT-14R-49



SCHEMATIC DIAGRAM



.040 ± .002 DIA PIN
GOLD PLATED 2 PLACES



•062 ± .002 DIA PIN
GOLD PLATED 12 PLACES

PIN	INPUT CONNECTION
D1	ϕA
D2	ϕB
D3	ϕC
X2	NEUTRAL

GENERAL SPECIFICATIONS.

1. INPUT VOLTAGE - 80 TO 124 VAC LINE TO NEUTRAL 400 Hz $\pm$ 20 Hz 3 PHASE.
2. PICK-UP TIME - 50 MS, MAX.
3. RELEASE TIME - .5 SEC, MAX.
4. SENSING ACCURACY - $\pm$ 5%
5. CONFIGURATION & CONTACT RATING - 2PDT 2AMP RESISTIVE @ 28VDC
6. TEMPERATURE RANGE - 55°C TO + 85°C
7. MAXIMUM OPERATING CURRENT - 75 MILLIAMPS
8. VOLTAGE TRANSIENTS - PER MIL-STD-704A CAT B.
9. OPERATING CYCLES AT RATED RESISTIVE LOAD - 100,000 CYCLES MINIMUM.
10. VIBRATION - 0.06" D.A., 5 TO 80 Hz, 20 G'S, 80 TO 2,000 Hz
11. SHOCK - 50 G'S, 11 ± 1 MS, 1/2 SINE, 3 AXES
12. ACCELERATION - 20 G'S IN ANY AXIS
13. OPERATING MODE: THE OUTPUT RELAY WILL ENERGIZE WHEN THE VOLTAGES OF ALL THREE PHASES ARE ABOVE 90 VRMS $\pm$ 5% AND WILL DE-ENERGIZE IN .5 SECS WHEN THE VOLTAGE OF ANY DROPS BELOW 90 VRMS $\pm$ 5%

APPROVED SOURCE OF SUPPLY

APPROVED SOURCE OF SUPPLY			
DWG NO	SUPPLIER	MANUF. PART NO	CODE IDENT
DSC 156	LEACH RELAY DIV. 5915 AVALON BLVD., LOS ANGELES, CALIF.	VS-223-1	

DO NOT SCALE DWG

	DHC-7	2	
NEXT ASS'Y	USED ON	NO. REQ'D. PER A/C	EFFY
PART NO.			

QUANTITY REQ PER			ZONE	SHEET	CODE	PART NO.	DESCRIPTION	MATERIAL	MATL SPEC	FINAL HEAT TREAT	PROT. FINISH		
			LIST OF MATERIAL										
			REQUIREMENTS-UNLESS OTHERWISE SPECIFIED				MOD NO.		THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED				
			GENERAL		LIMITS				DOWNSVIEW ONTARIO				
			1. DIMS ARE IN INCHES		1. DECIMALS		DRAWN M.DOLAN 3-7-73		DRAWING TITLE RELAY AC BUS FAIL				
			2. SURFACE ROUGHNESS 125 ✓ MAX.		1 PLACE ± .1		CHECKED [Signature] 3-7-73						
F19	EPOXY ZINC CHROMATE PRIMER	P.P.S. 34.08	3. REMOVE SHARP EDGES .015 MACHINE PARTS		2 " ± .03 3 " ± .010		APPROVED [Signature] 3-7-73						
C1	ALODINE	P.P.S. 32.01	4. EDGE FINISHING OF PARTS IN ACCORDANCE WITH P.P.S. 27-02		2. DIMENSIONS & TOLERANCES APPLY AFTER PLATING		STRESS [Signature]						
E1	CADMIUM PLATE	P.P.S. 33.01	5. THREADS IN ACCORDANCE WITH MIL-S-7742		3. ANGLES ± 0°-30'		STD., M.&P. [Signature] 9.7.73						
A1	ANODIZE	P.P.S. 32.03	PRODUCTION PROCESS STANDARDS (P.P.S.) AND OTHER STANDARDS LISTED ON DRG. IN ADDITION TO THOSE STANDARDS CALLED UP IN THE FIELD OF THIS DRAWING SHALL FORM PART OF THIS DRAWING FOR ALL MANUFACTURING AND QUALITY REQUIREMENTS.				VALUE ENG.		DWG SIZE C 71867 DSC 156				
CODE	PROTECTIVE TREATMENT	DE HAVILLAND PRODUCTION PROCESS SPECN.					CH. DRAFTN.						
									RELEASE		REV. A		
									SCALE		WGT CALC	ACTUAL	SHEET