

8

7

6

5

4

3

2

1

NOTES:

1. ITEMS 1-6 CAN BE REPLACED WITH A PRE-ASSEMBLED VENDOR CABLE. USE RDI PN 737-3005-00 OR EQUIVALENT, NDBC CONTROL # TBD.
2. USE A BROTHER P-TOUCH LABEL MAKER, MODEL PT-2400 OR EQUIVALENT, TO IDENTIFY CABLES AS SHOWN IN THE LABEL IDENTIFICATION TABLE. APPLY LABELS AS SHOWN IN THE CABLE ASSEMBLY VIEW.
3. SPLICE CABLE WIRES TOGETHER AND INSERT DIODES, ITEM 4, AT JUNCTION POINT AS SHOWN IN THE CABLE WIRING VIEW. COVER DIODES AND SPLICES WITH SLEEVING, ITEM 5. FINISH ASSEMBLY BY PLACING SPLICE SECTION IN A WIRE MOLD, AND FILL WITH COMPOUND, ITEM 6.
4. DIMENSIONS IN PARENTHESES ARE FOR STANDARD CABLE SUPPLIED BY RDI IDENTIFIED IN NOTE 1. THIS CABLE IS AN ACCEPTABLE SUBSTITUTE.
5. EQUIVALENT SUBSTITUTE CAN BE USED IN PLACE OF SPECIFIED ITEM.

THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE NDBC ENGINEERING DEPARTMENT.

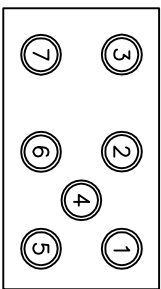
REVISIONS			
ZONE	LTR	DESCRIPTION	DATE
-	-		xx/xx/xx
-	-		xx/xx/xx

AR	2	LABEL TAPE, BLK INK ON WHI, 9mm(3/8").	14177	BROTHER TZ-221	D13	7
AR	5	COMPOUND, FLAME RETARDANT URETHANE RESIN, SCOTCHCAST, 7.6 OZ.	3030	3M 2130 B	C10	6
AR	5	SLEEVING, HEAT SHRINK, BLK, 0.250, (1/4)	1554	-	C10	5
2	5	DIODE, AXIAL LEAD, GENERAL PURPOSE, 1A 1000 UPV	EL595	FAIRCHILD IN4007	C11	4
2	5	CONNECTOR, WET MATE LOW PROFILE, 7 CIRCUIT, MALE, CABLE END,	NSN	IMPULSE LPMIL-7-MP	C12, D11	3
1	5	CONNECTOR, WET MATE LOW PROFILE, 7 CIRCUIT, FEMALE, CABLE END,	NSN	IMPULSE LPMIL-7-FS	C14	2
AR	5	CABLE, 7 CONDUCTOR MIN, 20 AWG, POLYURETHANE JACKET	NSN	ALPHA WIRE 25058	D13	1
-001			NDBC CONTROL NO.	MANUFACTURER & PART NUMBER	ZONE (S)	ITEM NO.
QTY	NOTES	DESCRIPTION	PARTS LIST			

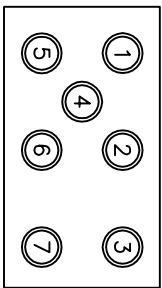
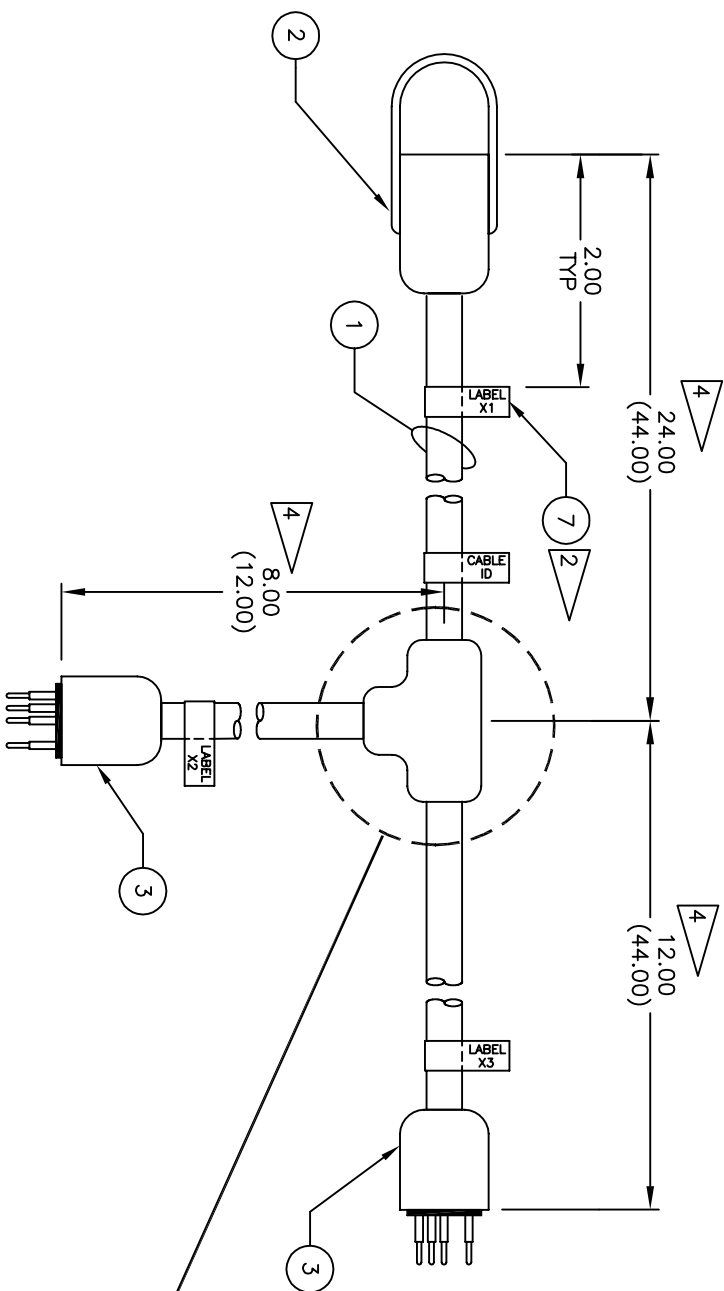
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DECIMALS ARE IN THOUSANDS 30X4.00 ±.05		CONTRACT NO -		APPROVALS		DATE		TITLE			
			DO NOT SCALE DRAWING		DRAWN BY D.JAYNES/LCRAFT		DATE 11/09/07					EXTERNAL AUXILIARY		
			CONFIGURATION MGT. APPROVAL		CHECKED BY -		DATE -					POWER CABLE ASSEMBLY		
			FINISH		ENGINEER APPROVAL -		DATE -					DRAWING NO 02.3F03105		
-001	X				NDBC PROJ ENGR -		DATE -					REV -		
- NO.		HULL NO.	X	NEXT ASSY	WEH	USED ON	ECP-P00-0000		APPROVED BY -		DATE -		SCALE 1/1	
				APPLICATION		3		2		1		1		

REVISED: 09/28/09
DISCARD ALL PRIOR DWGS

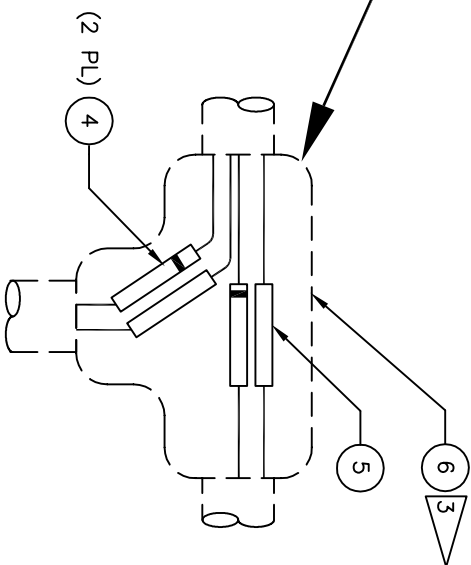
AutoCAD Drawing/Sketch
Printed Copies May Be Obsolete
Validate Prior to use.



LP MIL-7-FS
FACE VIEW



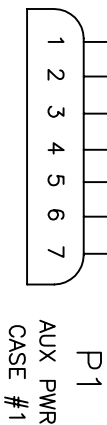
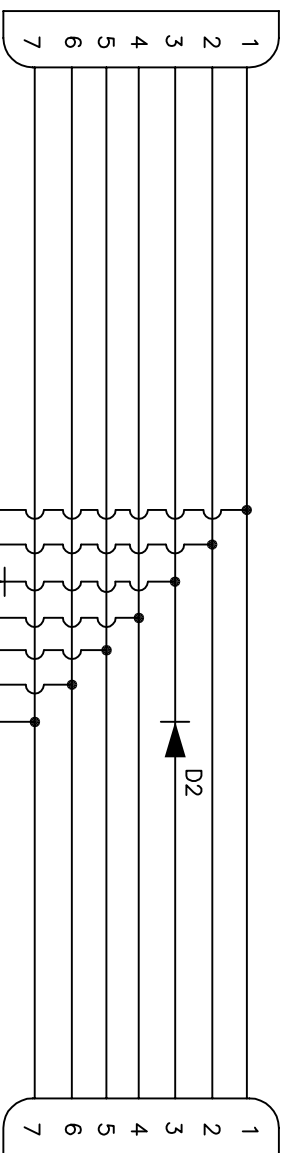
LP MIL-7-MP
FACE VIEW



ENLARGED VIEW OF MOLDED
SPLICE WITH DIODES

EXTERNAL AUXILIARY POWER CABLE ASSY -001

J1
PASS THRU #3
EXT AUX PWR



EXTERNAL AUXILIARY POWER CABLE WIRING -001

LABEL IDENTIFICATION TABLE			
CABLE ID NUMBER	LABEL X1	LABEL X2	LABEL X3
02-3F03105-001	PASS THRU 3U1 AUX PWR OUT	AUX PWR1 P1 AUX PWR IN	AUX PWR2 P2 AUX PWR IN

SIZE	CAGE CODE	DRAWING NO	REV
D		02.3F03105	-
SCALE	UNIT	SHEET	OF
		2	2