

XEROX

PART REVISION RECORD											REVISION RECORD			SHT 2		
REVISION OF: 117P 310 0X											TYPE	REV	CHG BY/DATE	CR No	BA No	
9	8	7	6	5	4	3	2	1	0	A	A	BA	A	JTA / 17 JUN 05		
REVISION OF: 117P 310 1X											TYPE	REV	CHG BY/DATE	CR No	BA No	
9	8	7	6	5	4	3	2	1	0	A	A	A	A	JTA / 17 JUN 05		
REVISION OF: 117P 310 2X											TYPE	REV	CHG BY/DATE	CR No	BA No	
9	8	7	6	5	4	3	2	1	0	A	A	A	A	JTA / 17 JUN 05		
REVISION OF: 117P 310 3X											TYPE	REV	CHG BY/DATE	CR No	BA No	
9	8	7	6	5	4	3	2	1	0							
REVISION OF: 117P 310 4X											TYPE	REV	CHG BY/DATE	CR No	BA No	
9	8	7	6	5	4	3	2	1	0	A	A	A	A	JTA / 17 JUN 05		
REVISION OF: 117P 310 5X											TYPE	REV	CHG BY/DATE	CR No	BA No	
9	8	7	6	5	4	3	2	1	0	A	A	BA	A	JTA / 17 JUN 05		
REVISION OF: 117P 310 6X											TYPE	REV	CHG BY/DATE	CR No	BA No	
9	8	7	6	5	4	3	2	1	0							
REVISION OF: 117P 310 7X											TYPE	REV	CHG BY/DATE	CR No	BA No	
9	8	7	6	5	4	3	2	1	0	A	A	BA	A	JTA / 17 JUN 05		
REVISION OF: 117P 310 8X											TYPE	REV	CHG BY/DATE	CR No	BA No	
9	8	7	6	5	4	3	2	1	0	A	A	BA	A	JTA / 17 JUN 05		
REVISION OF: 117P 310 9X											TYPE	REV	CHG BY/DATE	CR No	BA No	
9	8	7	6	5	4	3	2	1	0							
PROPRIETARY NOTE ON SHEET 1 APPLIES TO ALL SHEETS																
TITLE: WIRE- HIGH VOLTAGE											DWG SIZE	DWG. No: 117P 310 XX		SHEET REVISION		
											A4	SHEET: 2		A		

XEROX

HIGH VOLTAGE WIRE SPECIFICATIONS															MANUFACTURER'S PIN					
XEROX PART NO.	SIMILAR TO XEROX	VOLTAGE RATING	TEMP RATING	UL STYLE	CSA TYPE	WIRE AWG	WIRE STRANDING	CONDUCTOR PLATING	INSULATION MATERIAL	INSULATION COLOR	RESOLUTION (mm)	JACKET WALL THK (mm)	JACKET MATERIAL	OVERALL DIAM (mm)	COMMENTS	JIBO	SYMBO	HARBOR	DEARBORN	CATH
00	117E2380	5KVDC	105°C	3238	TV-6	22	7/30	TINNED TOP	ALPINE	BLACK	0.859	NONE	NONE	1.829		V0510005				
01			105°C	3238	TV-6	22	7/30	TINNED TOP	ALPINE	RED	0.859	NONE	NONE	1.829		V0510005				
10		10KVDC	105°C	3238	TV-10	22	7/30	TINNED TOP	ALPINE	BLACK	0.788	NONE	NONE	2.337		V0510005				
11			105°C	3238	TV-10	22	7/30	TINNED TOP	ALPINE	RED	0.788	NONE	NONE	2.337		V0510005				
12			105°C	3238	TV-10	22	7/30	TINNED TOP	ALPINE	BLACK	0.710	NONE	NONE	2.200		V0510005				
13			105°C	3238	TV-10	22	7/30	TINNED TOP	ALPINE	RED	0.710	NONE	NONE	2.200		V0510005				
14	117E21820		105°C	3238	TV-10	22	7/30	TINNED TOP	SILICONE	WHITE	1.018	NONE	NONE	2.839						
20	117E24015	15KVDC	105°C	3238	TV-15	22	7/30	TINNED TOP	ALPINE	BLACK	0.929	NONE	NONE	2.618		V0510005				
21	117E25170		105°C	3238	TV-15	22	7/30	TINNED TOP	ALPINE	RED	0.929	NONE	NONE	2.618		V0510005				
24			200°C	3238	TV-24	24	7/32		SILVER	TERLONTEF	0.483	NONE	NONE	1.575						
26	117E23310		200°C	3238	TV-26	24	7/32		SILVER	TERLONTEF	0.483	NONE	NONE	1.575						
28	117E23820		200°C	3238	TV-28	24	7/32		SILVER	TERLONTEF	0.483	NONE	NONE	1.721						
40		20KVDC	105°C	3238	TV-20	22	7/30	TINNED TOP	ALPINE	BLACK	1.348	NONE	NONE	3.451		V0520005				
41			105°C	3238	TV-20	22	7/30	TINNED TOP	ALPINE	RED	1.348	NONE	NONE	3.451		V0520005				
42			105°C	3238	TV-20	22	7/30	TINNED TOP	ALPINE	BLACK	0.560	0.570	ALPINE	3.290						
43			105°C	3238	TV-20	22	7/30	TINNED TOP	ALPINE	RED	0.560	0.570	ALPINE	3.290						
44		25KVDC	105°C	3238	TV-25	22	7/30	TINNED TOP	ALPINE	BLACK	1.473	NONE	NONE	3.778		V0530005				
45			105°C	3238	TV-25	22	7/30	TINNED TOP	ALPINE	RED	1.473	NONE	NONE	3.778		V0530005				
50		30KVDC	105°C	3238	TV-30	22	7/30	TINNED TOP	ALPINE	BLACK	1.628	NONE	NONE	4.013		V0530005				
61			105°C	3238	TV-30	22	7/30	TINNED TOP	ALPINE	RED	1.628	NONE	NONE	4.013		V0530005				
70		40KVDC	105°C	3238	TV-40	22	7/30	TINNED TOP	ALPINE	BLACK	1.880	NONE	NONE	4.821		V0540005				
71			105°C	3238	TV-40	22	7/30	TINNED TOP	ALPINE	RED	1.880	NONE	NONE	4.821		V0540005				
80		20KVDC	150°C	NONE	NONE	18	18/30	SILVER	SILICONE	BLACK	0.44	NONE	NONE	5.990						
81	117E21910		150°C	NONE	NONE	18	18/30	SILVER	SILICONE	BLACK	0.44	NONE	NONE	5.990						

WIRE - HIGH VOLTAGE

PROPRIETARY NOTE ON SHEET 1 APPLIES TO ALL SHEETS

DWG SIZE A3
DRAWING NUMBER 117P 310 XX

SHEET 4
SHEET REV. A

TOTAL P.05
XEROX

PURCHASE REFERENCE:

JUDD WIRE INC.
PART OF SUMITOMO ELECTRIC INDUSTRIES LTD.
 124 TURNPIKE ROAD
 TURNERS FALLS, MA 01376-2699
 PHONE: 1-800-545-5833 OR 1-413-863-4357
 FAX: 1-413-863-2305
MANUFACTURER'S PART NO.: PER TABLE

SUMITOMO ELECTRIC INDUSTRIES LTD.
 3-12, MOTOAKASAKA 1-CHOME, MINATO-KU
 TOKYO 107-8468, JAPAN
 PHONE: 03-3423-5111
 FAX: 03-3423-5009
MANUFACTURER'S PART NO.: PER TABLE

HARBOUR INDUSTRIES INC.
 1365 INDUSTRIAL BLVD.
 FARNHAM, QUEBEC J2N 2X3, CANADA
 PHONE: 514-293-5304
 FAX: 514-293-2421
MANUFACTURER'S PART NO.: PER TABLE

DEARBORN
 A BELDEN CDT COMPANY
 250 WEST CARPENTER AVENUE
 WHEELING, IL 60090
 PHONE: 1-800-323-0198 OR 1-847-459-1000
 FAX: 1-847-459-0170
MANUFACTURER'S PART NO.: PER TABLE

CATON CONNECTOR CORP.
 25 WAPPING ROAD
 KINGSTON, MA 02364
 PHONE: 1-877-522-2868 OR 1-781-585-4315
 FAX: 1-781-585-2973
MANUFACTURER'S PART NO.: PER TABLE

THE INFORMATION ON THIS SHEET IS INTENDED FOR XEROX CORPORATION PERSONNEL ONLY. DO NOT FURNISH COPIES OR DISCLOSE THE INFORMATION TO NON-XEROX PERSONNEL WITHOUT WRITTEN APPROVAL OF PROCUREMENT.

PROPRIETARY NOTE ON SHEET 1 APPLIES TO ALL SHEETS

TITLE: WIRE- HIGH VOLTAGE	DWG SIZE A4	DWG. No: 117P 310 XX	SHEET REVISION A
		SHEET: 5	

XEROX

NOTES:

- 1.0 GENERAL**
 - 1.1 IN CASE OF CONFLICT BETWEEN THIS DRAWING AND THE MANUFACTURERS PART DRAWING, THIS DRAWING SHALL TAKE PRECEDENCE.
 - 1.2 NO CHANGE SHALL BE MADE IN DESIGN, INTERNAL OR EXTERNAL CONSTRUCTION, MATERIALS, OR MANUFACTURING PROCESS COMMENCING 15 JUNE 2005 WITHOUT PRIOR WRITTEN NOTIFICATION OF XEROX. ANY SUCH UNAUTHORIZED CHANGES MAY BE CAUSE FOR REJECTION AND RETURN.

- 2.0 DESCRIPTION:** HIGH VOLTAGE WIRE, 5KV TO 40KV, LEAD FREE, SINGLE CONDUCTOR, STRANDED, TINNED OR SILVER PLATED COPPER AND RATED TEMPERATURE PER TABLE SPECIFICATIONS.

- 3.0 PART NUMBER:** 117P310XX IS A DOCUMENT FILE NUMBER. TO IDENTIFY A SPECIFIC WIRE, REPLACE THE "XX" WITH THE APPROPRIATE NUMBER FROM THE TABULATION IN TABLE.

- 4.0 SPECIFICATIONS, UNLESS OTHERWISE SPECIFIED:**
 - 4.1 CONDUCTOR MATERIAL- STRANDED ANNEALED COPPER PER ASTM B-33
 - 4.2 FLAMMABILITY- PER UL VW-1
 - 4.3 ROHS COMPLIANT- PER XEROX EHS 1001
 - 4.4 VOLTAGE RATING- PER TABLE
 - 4.5 TEMPERATURE RATING- CONTINUOUS PER TABLE
 - 4.6 UL STYLE- PER TABLE
 - 4.7 CSA TYPE- PER TABLE
 - 4.8 WIRE AWG- PER TABLE
 - 4.9 WIRE STRANDING- PER TABLE
 - 4.10 CONDUCTOR PLATING- PER TABLE
 - 4.10.1 TINNED (TOP)- STRANDED BARE COPPER WITH TINNED OVERCOAT
 - 4.10.2 TINNED
 - 4.10.3 SILVER
 - 4.11 INSULATION MATERIAL: PER TABLE
 - 4.11.1 XLPE- IRRADIATED CROSS-LINKED POLYETHYLENE
 - 4.11.2 XLHDPE- IRRADIATED CROSS-LINKED HIGH DENSITY POLYETHYLENE
 - 4.11.3 TEFLON FEP-
 - 4.11.4 SILICONE-
 - 4.11.5 SILICONE, SEMI-CONDUCTIVE-
 - 4.12 INSULATION COLOR- PER TABLE
 - 4.13 INSULATION WALL THICKNESS- PER TABLE
 - 4.14 JACKET WALL THICKNESS- PER TABLE
 - 4.15 JACKET MATERIAL: PER TABLE
 - 4.15.1 XLPVC- IRRADIATED CROSS-LINKED PVC (ANTI- TRACKING)
 - 4.16 OVERALL DIAMETER- PER TABLE

PROPRIETARY NOTE ON SHEET 1.APPLIES TO ALL SHEETS

TITLE: WIRE- HIGH VOLTAGE	DWG SIZE A4	DWG. No: 117P 310 XX	SHEET REVISION
		SHEET: 3	A