



Description: Customer Furnished Core
 Semi-Conductive PE, TPE
 Semi-Conductive PVC,
 Braid Shield, and PVC Jacket

Date: 4/24/2012

JM Part Number: TBD
Reference: H2227 PO3
 HV Resistance Cable

Components Customer Furnished Core With 36 AWG Nickel-Chromium High Resistance Wire

Core: Kevlar Strength Member .080"

Bedding: Polyester Braid Bedding Layer .140"

Wire: 36 AWG solid Nickel-Chromium High Resistance Wire
 Spiraled around core over bedding

Cable Construction

Inner Layer: .030" nominal wall of Black Semi-Conductive Polyethylene .200"

Middle Layer: .070" nominal wall of Red TPE .340"

Outer Layer: .0075" nominal wall of Black Semi-Conductive PVC .355"

Shield: 36 AWG tinned copper braid, 80% coverage .375"

Jacket: .045" nominal wall of Gray PVC .465"

Print

Unprinted

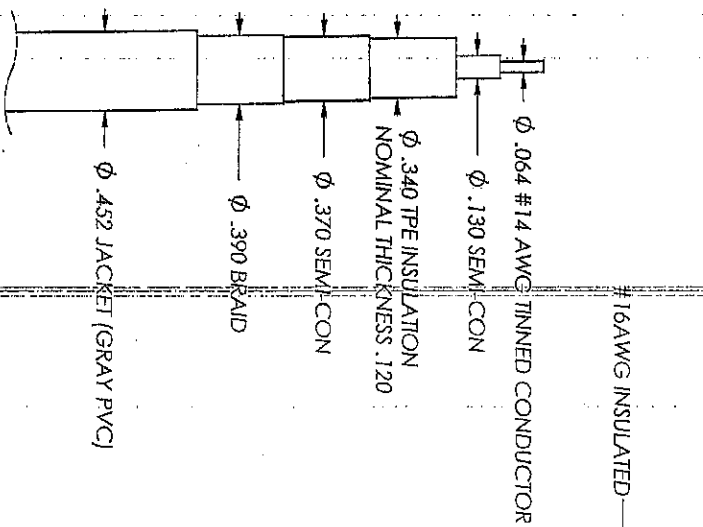
Requirements

Operating Voltage: 60KV DC

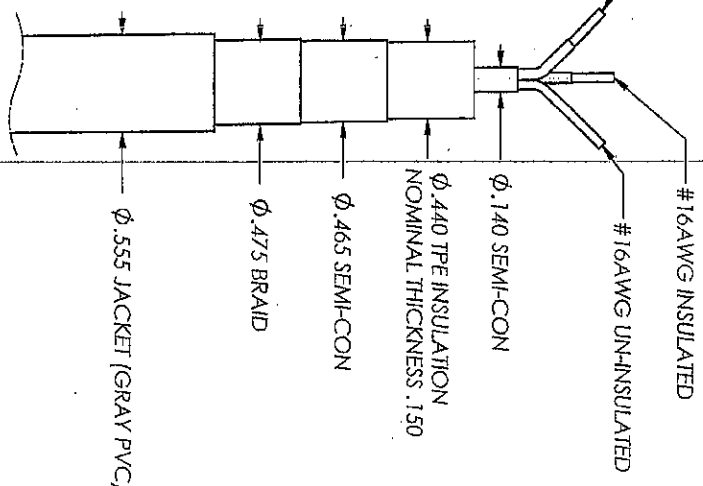
Resistance: 76.2 ± 10% Ohms/ft of conductor core

HV36NSPE/60KV5-8JM

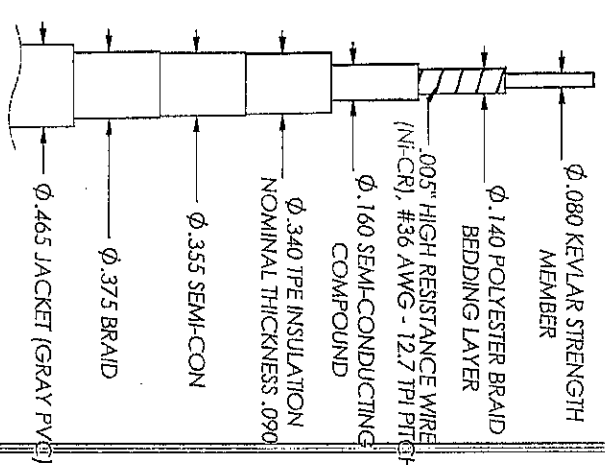
Written By:	rjc	4/24/2012	Rev. 0	Initial Issue
Revised By:				
Revised By:				
Revised By:				



H2227P01 ANODE
CAPACITANCE - 15.5 PICO FARADS PER FT.
BEND RADIUS: 2.0 INCH



H2227P02 CATHODE
CAPACITANCE - 31 PICO FARADS PER FT.
BEND RADIUS: 2.5 INCH



H2227P03 HV RESISTANCE CABLE
76.2 ± 10% OHMS/FT OF CONDUCTOR CORE
BEND RADIUS: 2.0 INCH

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
PARKER MEDICAL, INC. ANY
REPRODUCTION IN PART OR AS A WHOLE
WITHOUT THE WRITTEN PERMISSION OF
PARKER MEDICAL, INC. IS
PROHIBITED.

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	PARKER MEDICAL, INC. TITLE: HV X-RAY CABLE
DIMENSIONS ARE IN INCHES	DRAWN	MJH	11/29/11	
TOLERANCES FRACTIONAL ±	CHECKED	WPH	11/29/11	
ANGULAR MATCH ±	ENG APPR.	TJH	11/29/11	
TWO PLACE DECIMAL ±	MFG APPR.			
THREE PLACE DECIMAL ±	Q.A.			
INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:			
MATERIAL				
FINISH				
USED ON				
NEXT ASSY				
APPLICATION	DO NOT SCALE DRAWINGS			

SIZE	DWG. NO.	REV
A	H22227	04
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1

5

4

3

2

1