

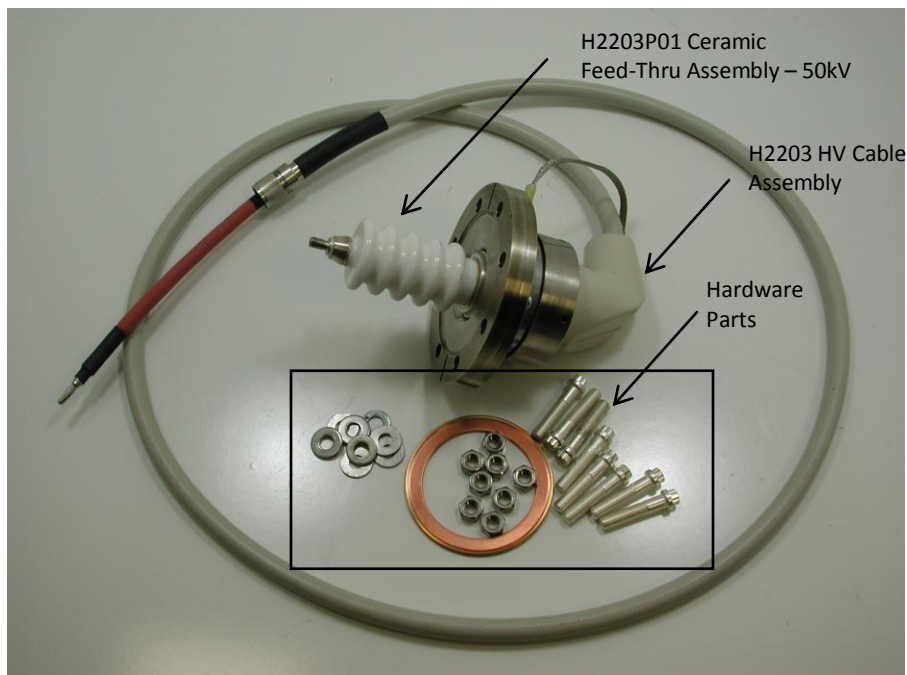
Ceramic Feed-Thru Product Bulletin

PMI offers several types of high-vacuum ceramic feed-thru assemblies for electron beam applications and vacuum and pressurized chambers requiring high voltage operation.

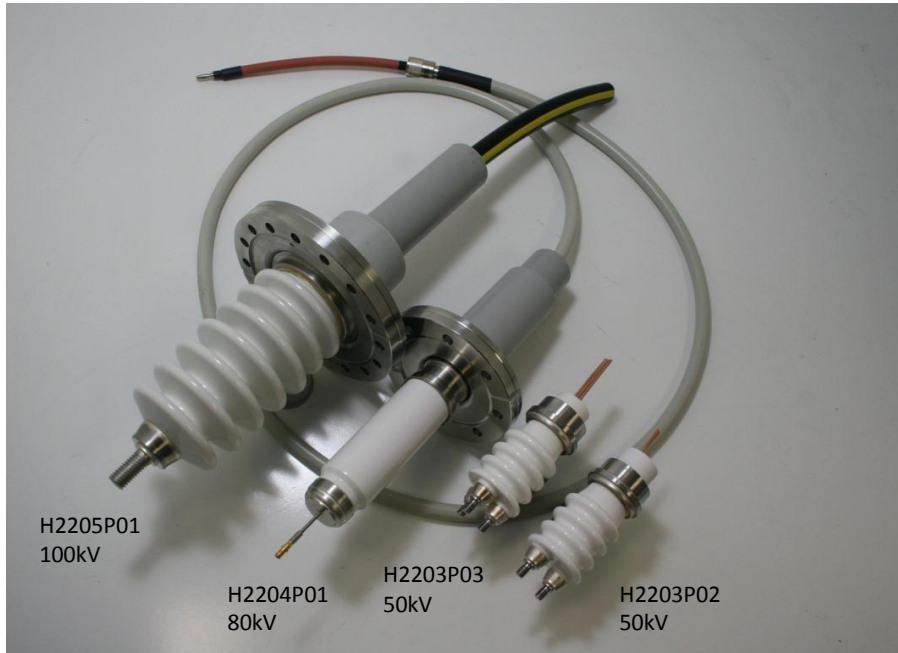
Features:

- High voltage stand-off 40-220kVDC
- 1 to 6 feed-thru conductors
- 50A conductors on 1- to 3-conductor feed thru types
- Cathode grid control capabilities
- Assemblies available with 2-3/4", 4-1/2" and 6.0" conflats
- Helium leak-tested to a rate less than 1×10^{-9} Std. cc/sec
- Removable or potted-in-place HV cables to specified HV power supply receptacles

CERAMIC FEED-THRU PART NUMBER	VOLTS	NUMBER CONDUCTORS	AMPS	HV PLUG/ CABLE
H2203P01	50kV	1	3	H2203P01
H2203P02	50kV	2	50	H2203P02
H2203P03	50kV	3	50	H2203P03
H2204P01	80kV	1	3	H2204P01
H2205P01	100kV	1	3	H2205P01
H1827P01	120kV	6	10	H2194P01
H1827P02	180kV	6	10	H2194P02
H1827P03	220kV	6	10	H2194P03



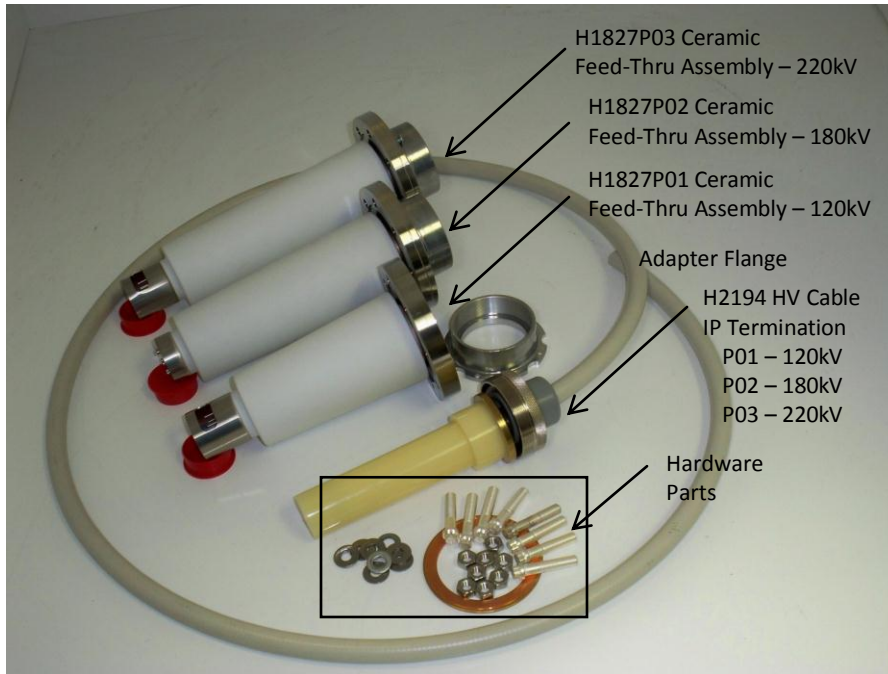
H2203 Ceramic Feed-Thru Assembly



H2203, H2204, H2205 Ceramic Feed-Thru Assemblies



H2205 Ceramic Feed-Thru Assembly



H1827 Family of Ceramic Feed-Thru Assemblies



Helium Leak Check of Ceramic Metal Vacuum Feed-Thru

- Helium/vacuum leak detector
- Leak rate capability 1×10^{-9} Std. cc/sec