

TO SPECIFY FHC MATRIX ELECTRODES:

CATALOG#
MX12345 (iin)

Matrix electrode: MX
 Matrix Specifications: 12345
 Customers Initials and version number: (iin)

1 Number of Rows
 1: 1 contact
 2: 2 contacts
 3: 3 contacts
 4: 4 contacts
 5: 5 contacts
 6: 6 contacts
 7: 7 contacts
 8: 8 contacts
 9: 9 contacts
 A: 10 contacts
 B: 11 contacts
 C: 12 contacts
 ...
 X: Specify

2 Number of Columns
 1: 1 contact
 2: 2 contacts
 3: 3 contacts
 4: 4 contacts
 5: 5 contacts
 6: 6 contacts
 7: 7 contacts
 8: 8 contacts
 9: 9 contacts
 A: 10 contacts
 B: 11 contacts
 C: 12 contacts
 ...
 X: Specify

3 Contact Spacing:
 A: 115 μm
 B: 140 μm
 C: 190 μm
 D: 210 μm
 E: 220 μm
 1: 240 μm
 2: 305 μm
 3: 340 μm
 4: 410 μm
 5: 460 μm
 6: 505 μm
 X: Specify

4 Termination Options:
 A: Green .1" on ctr. Strip Connector Female
 B: Green .1" on ctr. Strip Connector Male
 E: Male 220-PO2 pin w/ Heatshrink
 F: Hook-up Wire, Stripped and tinned (specify length)
 X: Other, Please Specify

5 Electrode Material:
 W: Tungsten
 S: Stainless Steel
 P: Platinum/Iridium
 X: Special / Specify

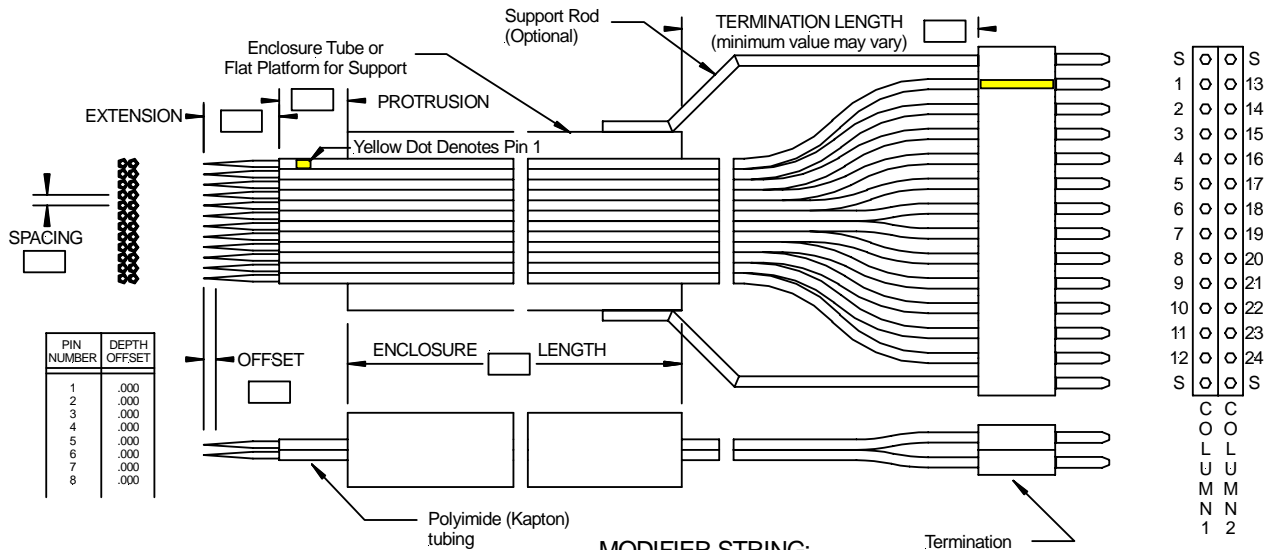
(iin) Customers Initials
 ii: Initials of the customer for/by whom the matrix was designed
 n: Version or revision number

* Note: Initially all matrix electrodes will start as version 1. This number will increment as changes in specifications are made.

In addition to the catalog number, the following additional information must also be specified when ordering a new matrix electrode. This information is contained within the modifier string and is only necessary the first time you order any given matrix configuration.

- Tubing and electrode diameters will be selected to facilitate matrix production and minimize size, given the above constraints. Support Rods and Stainless Steel Enclosure Tubes may be added as required. Please specify any special needs you may have.

- Please Specify the following when ordering a FHC Matrix Micro-electrode:
- kind of μ-electrodes to be used UE_X X __ E __ N N (see "To Specify FHC Metal Microelectrodes")
 - In mm the desired Extension, Protrusion, Enclosure and Termination Lengths (see diagram for definitions)
 - any electrode depth Offsets wanted (see diagram)
 - Pin-out of electrical connector(s) for termination
 - Whether to use an enclosure tube or platform
 - Whether or not to use support rod.



MX _____ (_____)

MODIFIER STRING:
 Extension, Protrusion, Enclosure, Termination, Offset
 ___ mm, ___ mm, ___ mm, ___ mm, ___
 Electrode Specifications: UE __ XX __ E __ N N

* Electrode lengths and shank diameters will be chosen based on matrix specifications. Electrodes must be Epoxy/ite insulated and have no shank modifications or terminations.