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PART NO. C426-ZZZ-101G-

MATERIAL/FINISH PROPERTIES (HIGH DENSITY SMPM CONNECTOR)

MATERIAL PROPERTIES: BODIES: COPPER (OHFC)

BUSHINGS: BERYLLIUM COPPER PER ASTM B196 OR EQUIVALENT

PLATING PROPERTIES:

BODIES: .000040 MIN. GOLD PER MIL-G-45204 OVER .000050 MIN. COPPER PER MIL-C-14550 BUSHINGS: .000040 MIN. GOLD PER MIL-G-45204 OVER .000050 MIN. COPPER PER MIL-C-14550

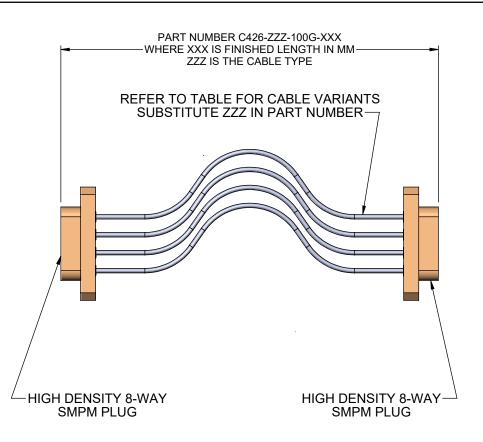
MECHANICAL/ELECTRICAL PROPERTIES

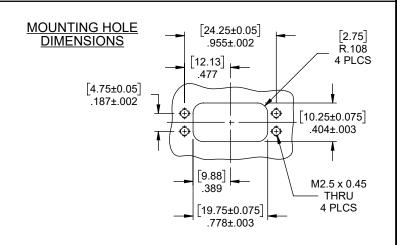
HIGH DENSITY SMPM CONNECTOR MEETS: MIL-STD-348, MIL-PRF-39012 ASSEMBLY MEETS: RoHS 3 2015/863/EU STANDARDS

CONNECTOR DURABILITY: 100 CYCLES MIN.

CABLE: .047" SEMI-RIGID, SEE TABLE FOR VARIANTS

IMPEDANCE: 50 OHMS NOMINAL FREQUENCY RANGE: DC-40 GHz





ZZZ Cable Type	Cable Description	Ref
127	BeCu Inner / BeCu Outer	BCB034
106	Silver Plated BeCu Inner / BeCu Outer	BCB006
123	304 SS Inner / 304 SS Outer	BCB019
118	Silver Plated 304 SS Inner / 304 SS Outer	BCB028
114	Cupronickel Inner / Cupronickel Outer	BCB021
104	Silver Plated Cupronickel Inner / Cupronickel Outer	BCB025
092	NbTi Inner / NbTi Outer	BCB007
128	Silver Plated Copper Inner / Copper Outer	BCB039

A NPR 1914E REP 11/22/21 REV DESCRIPTION APPR DATE

IntelliConnect

UNLESS OTHERWISE SPECIFIED

ALL DIMENSIONS ARE REFERENCE

X.XXX DIM'S = INCHES * [X.XX] DIM'S = MILLIMETERS

SURFACE FINISH: 63 MICRO MAX.

ALL DIAMETERS TO BE CONCENTRIC WITHIN .005 F.I.M.

TITLE: HIGH DENSITY 8-WAY PLUG TO HIGH DENSITY 8-WAY PLUG CABLE ASSEMBLY

MATERIAL & FINISH: PER TABLE ABOVE

 DRAWN BY: NB
 CHECK BY: MS
 APPR. BY: REP

 DATE: 11/22/21
 DATE: 11/22/21
 DATE: 11/22/21

REV

Α

CAGE CODE NO: 5N5S5 SCALE SIZE A

SALES PART NO. SHEET C426-ZZZ-101G- 1 OF 1