GROUND BLOCKS

Amphenol Pcd

Ground Blocks

Combining advanced materials with an elegant design, Amphenol Pcd's Ground Blocks provide the lightest weight, highest density grounding solution available in the market today. Wired connections are environmentally-sealed, providing protection from moisture, spray, and debris. Unused connections are protected via Amphenol Pcd's patented FODSeal Technology, which replaces the sealing plugs - reducing FOD, weight and part count. Amphenol Pcd's Ground Blocks are ideal for use in harsh environments typically found in aircraft, ground vehicle and naval applications.





Features & Benefits

Overmold Technology

Simplifies construction and improves sealing and reliability

Plastic retention clip - made with VICTREX® PEEK Polymer

Simplifies construction; uses 1 plastic piece vs 6 individual metal pieces

FODSeal Technology (Patented)

Reduces FOD, part count and weight by eliminating sealing plugs

Smart Engineering

Weight Savings - up to 0.06 oz per block vs standard designs, yeilding up to 2lbs per plane on typical aircraft

Part Numbers

Part Number	With/Without Con- tacts	Number of Contacts	Contact Size	Boeing P/N
BDX016016-2	Without	12	16	BACC50AN16H
BDX016017-2	With			BACC50AN16
BDX016020-2	Without	- 16	20	BACC50AN20H
BDX016021-2	With			BACC50AN20

Materials

Web Membrane

Silicone per A-A-59588, class 2B, 40 durometer. color clear

Grommet

Silicone per A-A-59588, class 2B, 40 durometer. color grey

Housina

Glass reinforced polyamide; color red (size 20), blue (size 16)

Internal Contacts

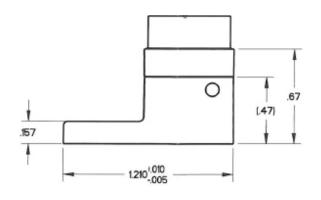
BeCu C17410, gold per MIL-DTL-45204, Type II, grade C, class I, over nickel per SAE-AMS-QQ-N-290, class I

Base

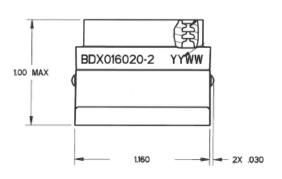
Aluminum A380.0. chromate conversion per MIL-DTL-81706, type I, class IA, method C

Ground Block Dimensions

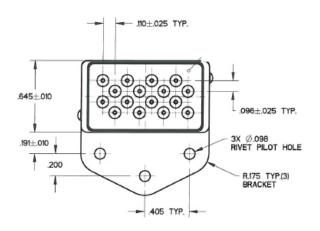
SIDE VIEW



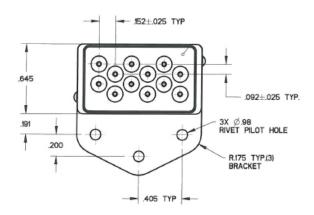
FRONT VIEW



TOP VIEW SIZE 20



TOP VIEW SIZE 16



Amphenol Pcd