



AirBorn Interconnect, Inc.
Product Technical Bulletin
PTB #15

Connectors using Polyphenylene Sulfide (PPS)

AirBorn is pleased to announce a material and process change to its W-series product line, including MIL-DTL-55302 slash sheets 55 through 66, 138 and 139. You may receive gray colored connectors made of polyphenylene sulfide (PPS) which meet all applicable MIL-DTL-55302, MIL-M-24519 and space application requirements. We will also begin laser marking all gray colored PPS and DAP (diallyl phthalate) connectors.

As stated, AirBorn is converting connectors currently provided in black PPS to gray PPS. This change enhances the new laser marking process which will provide superior legibility, permanency and, with gray colored connectors, excellent contrast.

Those customers whose drawings require a change to permit these modifications will be notified by separate correspondence.

AirBorn has received very favorable responses from customers on the field tests for these changes, and we are certain you will be totally satisfied with these improvements. For additional information please contact our Marketing applications group at 972-931-3200 for immediate assistance.

Comparison

| <u>Material</u> | <u>Color</u> | <u>Meets Outgassing Requirements</u> | <u>Mil Qual'ed</u> | <u>Laser Contrast</u> |
|-----------------|--------------|--------------------------------------|--------------------|-----------------------|
| DAP | Gray | Yes | Yes | Outstanding |
| PPS | Black | Yes | Yes | Fair |
| PPS | Gray | Yes | Yes | Outstanding |

At a slight additional charge save a costly manufacturing process at your company and specify AirBorn's Hot Tin Dip service with your next order. AirBorn meets MIL-STD-202, Method 208 and IPC/ECA J-STD-002. Eliminate yield problems and lower you cost, AirBorn guarantees its work.