



*ANSI/EIA-973-2018*  
*Approved: March 8, 2018*

**EIA-973**

# **EIA SPECIFICATION**

---

## **Specification for M12 Hybrid (Data and Power) Circular Connectors**

---

### **EIA-973**

---

**March 2018**

---



**Electronic Components Industry Association**

## NOTICE

EIA Engineering Specifications and Publications are designed to serve the public interest through eliminating misunderstandings between manufacturers and purchasers, facilitating interchangeability and improvement of products, and assisting the purchaser in selecting and obtaining with minimum delay the proper product for his particular need. Existence of such Specifications and Publications shall not in any respect preclude any member or nonmember of ECIA from manufacturing or selling products not conforming to such Specifications and Publications, nor shall the existence of such Specifications and Publications preclude their voluntary use by those other than ECIA members, whether the standard is to be used either domestically or internationally.

Specifications and Publications are adopted by ECIA in accordance with the American National Standards Institute (ANSI) patent policy. By such action, ECIA does not assume any liability to any patent owner, nor does it assume any obligation whatever to parties adopting the Specification or Publication.

This EIA specification is considered to have International Standardization implications, but the International Electrotechnical Commission activity has not progressed to the point where a valid comparison between the EIA standard and the IEC document can be made.

This Specification does not purport to address all safety problems associated with its use or all applicable regulatory requirements. It is the responsibility of the user of this Specification to establish appropriate safety and health practices and to determine the applicability of regulatory limitations before its use.

NOTE – The user's attention is called to the possibility that compliance with this standard may require use of an invention covered by patent rights.

By publication of this standard, no position is taken with respect to the validity of any such claim(s) or of any patent rights in connection therewith. If a patent holder has filed a statement of willingness to grant a license under these rights on reasonable and nondiscriminatory terms and conditions to applicants desiring to obtain such a license, then details may be obtained from the standards developer

Neither the standards developer nor ANSI is responsible for identifying patents for which a license may be required by an American National Standard or for conducting inquiries into the legal validity or scope of those patents that are brought to their attention.

(From Standards Proposal No. 5241, formulated under the cognizance of the CE-2.0 Committee on EIA National Connector and Socket Standards.)

Published by

©Electronic Components Industry Association 2018  
EIA Standards & Technology Department  
2214 Rock Hill Road, Suite 265  
Herndon, VA 20170

**PLEASE !  
DON'T VIOLATE  
THE  
LAW!**

This document is copyrighted by the ECIA and may not be reproduced without permission.

Organizations may obtain permission to reproduce a limited number of copies through entering into a license agreement. For information, contact:

IHS Markit  
15 Inverness Way East  
Englewood, CO 80112-5704 or call  
USA and Canada (1-877-413-5186), International (303-397-7956)