

MILITARY SPECIFICATION SHEET

CONNECTORS, PLUG & RECEPTACLE (ELECTRICAL,  
AUDIO, WATERPROOF, TEN CONTACT, POLARIZED)

This amendment forms a part of MIL- C-10544C(SigC), dated 27 September 1962,  
and is approved for use by all Departments and Agencies of the Department of  
Defense.

PAGE 3

- \* 3.1 Construction. Delete "The connectors shall be constructed in accordance with the following:"  
and substitute, "The connectors shall be constructed in accordance with the following except  
that the contact and terminal finish shall be in accordance with 3.5."

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- \* 3.5 Finish. Delete and substitute; "Connectors shall be finished in accordance with Specification  
MIL-F-14072 and the connector drawings, (see 4.4), except that the electrical contacts and  
wiring terminals shall be gold plated to a minimum thickness of 0.000030 inch in accordance  
with MIL-G-45204, type II, class 0 over a 0.000050 inch minimum nickel underplate in  
accordance with QQ-N-290, class 1 over a copper flash. This requirement supersedes the  
contact and terminal plating requirements of the related SC drawings.

Notes:

- 1/ As an option the OEM may request via the purchase order that the terminals be  
pretinned by the manufacturer prior to shipment.
- 2/ Disposition of stock. Manufacturers and their selling agents and distributors may ship  
from stock connectors which were manufactured to the previous amendment (2) of  
this specification until stock is depleted."

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Table II. Group A inspection: add the following to the table:

Inspection	Req para	Insp para	AQL	
			major	minor
"Interchangeability	3.7	4.6	1.0% "	

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AMENDMENT 3

Table III. Group B inspection: delete the following from the table:

“Interchangeability                      3.7      4.6                      6.5% “

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Paragraph 4.5.3.1, delete and replace with the following:

“4.5.3.1 Sampling for inspection of equipment. Two each connectors for each Group C inspection shall be selected at random each month or 2 each connectors per one thousand produced, whichever occurs first, except that the units inspected at the start of the contract shall be selected from the first units produced.”

The margins of this amendment are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

CONCLUDING MATERIAL

Custodians:  
Army - CR

Preparing activity:  
DLA - CC

(Project 5935-A557)

Review activities:  
Army - AV, EA, MI  
Navy - MC