


NUMBER GS-12-002	TYPE PRODUCT SPECIFICATION		
TITLE Metral™Connector System		PAGE 1 of 3	REVISION J
		AUTHORIZED BY M.LENOIR	DATE 2007/06/08
CLASSIFICATION UNRESTRICTED			

1.0 OBJECTIVE

This specification defines the product specifications list of the modular Metric Metral Connector System.

2.0 SCOPE

These specifications are applicable to all the Metral family products which provides a separable interconnect for printed circuit boards, and includes headers, receptacles and cables connectors

Listed specifications define all the different performances for the products


3.0 PRODUCTS APPLICABLE SPECIFICATIONS

3.1 Headers:

- GS-12-180** Header Metral Straight Converged connectors
- GS-12-445** Header Metral Right Angle Press-fit connectors
- GS-12-446** Header Metral Right Angle STB and PIP connectors
- GS-12-135** Header Metral Straight/Right angle Shielded connectors

3.2 Receptacles

- GS-12-177** Receptacle Metral T series Solder to Board Signal connector
- GS-12-453** Receptacle Metral B series Solder to Board and Press-fit Signal connector
- GS-12-447** Receptacle Metral F series and NGen Press-fit connector
- GS-12-448** Receptacle Metral F series STB connector
- GS-12-215** Receptacle Metral TINT series Pin in Paste Signal connector


NUMBER GS-12-002	TYPE PRODUCT SPECIFICATION		
TITLE Metral™ Connector System		PAGE 2 of 3	REVISION J
		AUTHORIZED BY M.LENOIR	DATE 2007/06/08
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3.3 Cables connectors

GS-12-015 Metral Unshielded Cable connector 4row

GS-12-016 Metral Unshielded Cable connector 5row

GS-12-129 Metral Shielded Cable connector 5row

NUMBER GS-12-002	TYPE PRODUCT SPECIFICATION		
TITLE Metral™ Connector System		PAGE 3 of 3	REVISION J
		AUTHORIZED BY M.LENOIR	DATE 2007/06/08
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4.0 REVISION RECORD

REV	PAGE	DESCRIPTION	EC #	DATE
A	All	Changed from preliminary to released	H20184	92/03/31
B	3/4/5/8 5 9 All	Added shorting contact Added 5 row info Updated 8.4 to latest IEC spec DuPont Logo replaced by BERG	V61100	96/07/31
C	2	DuPont replaced by Berg	H70095	97/02/24
D	5 8	Added 30 milliOhms max. after all mechanical and environmental tests Updated 8.1 resistance shall not exceed a 10 mΩ rise, max, above the values measured in Table I	V70427	97/05/06
E	All	Berg logo replaced by FCI logo Updated GES to GS, removed the words "cable connector" in the scope, updated Bellcore specification reference	H00368	00/08/29
F	3 All	Added receptacle power compliant contact Re-writting the document FCI logo replaced by AREVA logo	LS05-0055	05/06/21
G	All	New logo	LS06-0109	06/07/04
H	1/2	Reorganize specification entirely—Suppress sheet 3 to 11 —Add product specifications reference dedicated to each product	LS07-0075	23/03/12
J	All	New frame	LS07-0129	2007/06/08