

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

## 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 <b>GS-12-002</b>	TYPE <b>PRODUCT SPECIFICATION</b>		
TITLE <b>Metral™ Connector System</b>		PAGE <b>2 of 3</b>	REVISION <b>J</b>
		AUTHORIZED BY <b>M.LENOIR</b>	DATE <b>2007/06/08</b>
CLASSIFICATION <b>UNRESTRICTED</b>			

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

#### 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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI:](#)

[HM1C04C8C010ERPLF](#) [HM1S41FER400H6PLF](#) [HM1S51FER400H6PLF](#) [HM1S52FER400H6PLF](#) [85704-1021LF](#)  
[85704-2111LF](#) [85706-1021LF](#) [85706-1111LF](#) [85992-001LF](#) [85704-1111LF](#) [85704-1121LF](#) [85704-2121LF](#) [85706-](#)  
[1011LF](#) [85706-1121LF](#) [85706-2011LF](#) [85706-2021LF](#) [85706-2111LF](#) [85706-2121LF](#)