

LOADED CONNECTOR ASSEMBLY
(FOR EXAMPLE)

Technical drawing of a 12V 100Ah battery, showing three views: top, side, and a detail view of the terminal area.

Top View Dimensions:

- Overall width: 20.0
- Terminal spacing (left): 2.00 ± 0.05 (10x)
- Terminal spacing (right): 2.00 ± 0.05 (10x)
- Overall height: 12.0
- Terminal height: 2.00 ± 0.05 (6x)
- Bottom edge dimension: 50.0 MAX.

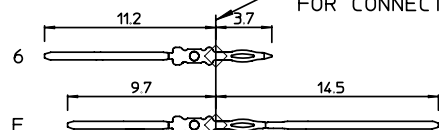
Side View Dimensions:

- Overall height: 13.45 ± 0.10
- Terminal height: 3.00 ± 0.10
- Terminal width: 15.40 ± 0.50
- Terminal spacing: 11.70 ± 0.10

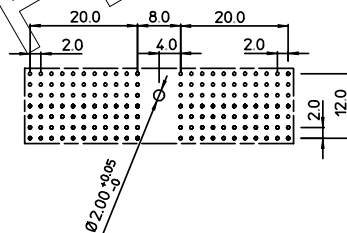
Detail View (Note 3):

- Shows the internal structure of the terminal area.
- Reference to note 5 points to a specific feature.
- Reference to note 6 points to another specific feature.

CONTACT OVERVIEW SEATING PLANE
FOR CONNECTOR



LAY-OUT P.C.B.-HOLE



LEAD FREE INDICATOR : LF = LEAD FREE
(DIGIT 15 & 16)

HM2P07PMA1U1

PLATING CODE (DIGIT 13 AND 14)
(REF DWG No. BS.C.201844.003)

NOTES:

1. THIS PRODUCT IS CSA APPROVED.
2. THIS PRODUCT IS UL RECOGNIZED.
3. MEASURED AT THE BOTTOM.
4. MATERIAL CONTACT: PHOSPHORBRONZE
HOUSING: CREAM WHITE GLASSFILLED
POLYESTER UL-94V0
5. CONNECTOR PRINTED WITH P/N AND DATE CODE.
6. FOR ACTUAL CONTACT LOADINGS, SEE LOADING PATTERN
MATING SIDE.
7. SHAPE OF CONNECTOR HOUSING CAN ALTER
DEPENDING ON PRODUCTION LOCATION.
8. THE PRODUCT (LF) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY
REGULATIONS AS DESCRIBED IN GS-22-008
9. FOR RECOMMENDED PTH DIMENSIONS REFER DRAWING : BS.A .201572.001

1DEC ±0.2 2DEC ±0.1 ANGLES ±1°	APPR.	DATE	SIGN.	LOADING PATTERN OVERVIEW		
	DRAFT	1999-04-15	M.Frel	CAT. No . HM2P07PMA1U1----		
	CHECKED			FCI www.fciconnect.com		
WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE.	PROD. MGR					
ALL DIMENSIONS IN MM	PR.ENG. MGR			BS, C , 201843, 716 DRAWING No. CUSTOMER DRAWING		
	PR. MGT. MGR					
	REFERENCES			BS, C , 201843, 716 D		
				DRAWING No. CUSTOMER DRAWING REVISION		

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DIT IS ONZE EIGENDOM EN MAG NOCH NAGEMAAKT, HERDRUKT, OVERGEMAAKT AAN DERDEN, NOCH VOOR FABRIKATIE GEBRUIKT WORDEN, ZONDER ONZE SCHRIFTELIJKE TOELATING. BIJ NIET GEBRUIK IS TERUGZENDING VERPLICHT.