

LOADED CONNECTOR ASSEMBLY
(FOR EXAMPLE)

f	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
e	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
d	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
c	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
b	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
a	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
z	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
P	0				0					1					1				2	
S	1				5					0					5				0	

Technical drawing of a 440 MAX. connector, showing front, side, and detail views with dimensions and callouts.

Front View:

- Overall width: 42.00
- Pin pitch: 2.00 ± 0.05 (21X)
- Pin height: 12.0
- Pin pitch (bottom): 2.00 ± 0.05 (6X)
- Label: 440 MAX.

Side View:

- Overall height: 13.45 ± 0.15
- Pin height: 3.00 ± 0.10
- Pin pitch: 2.00 ± 0.05

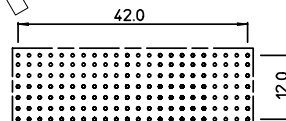
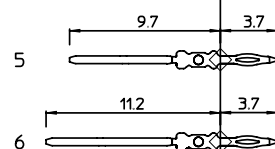
Detail View (Note 3):

- Overall width: 15.40 ± 0.50
- Pin pitch: 11.70 ± 0.10
- Pin height: 3.00 ± 0.10

Callouts:

- note 5: Points to a dashed rectangular area in the front view.
- note 6: Points to a specific pin in the side view.

LAY-OUT P.C.B.-HOLE



HM2P--P-----

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

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	1998-07-07	M.Frel	CAT. No. HM2P70PDE121----	 www.fciconnect.com
	CHECKED				
WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE.	PROD. MGR.			 www.fciconnect.com	SCALE
	PR. ENG. MGR.				
	ALL DIMENSIONS IN MM	PR. MGT. MGR.			

REFERENCES

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DRAWING No.	CUSTOMER DRAWING	REVISION
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