

BS,C ,201843,502,01

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REV.

DATE

DESCRIPTION

BY

C'K'D'

01

07-04-98

Loading pattern changed

M.F.

LOADING PATTERN MATING SIDE

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SHEET NR.

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LOADED CONNECTOR ASSEMBLY
(FOR EXAMPLE)

note 5

note 6

note 3

15.40^{+0.50}₋₀

11.70^{+0.10}₋₀

13.45⁺⁰_{-0.05}

3.00⁺⁰₋₀

2.00^{+0.05}₋₀ (10x)

20.0

2.00^{+0.05}₋₀ (10x)

20.0

12.0

2.00^{+0.05}₋₀ (6x)

50.0 MAX.

CONTACT OVERVIEW

4

8.2

3.7

9.7

3.7

11.2

3.7

SEATING PLANE
FOR CONNECTOR

LAY-OUT P.C.B.-HOLE

20.0

8.0

20.0

2.0

4.0

2.0

12.0

2.0

Ø2.00^{+0.05}₋₀

RECOMMENDED PLATED THROUGH
HOLE DIMENSIONS

* DIAM.DRILLED HOLE : 0.675/0.725

* DIAM.FINISHED HOLE : 0.55/0.65

* Cu THICKNESS : 25/50µm.

* SnPb THICKNESS : 4/10µm.

PLATING TABLE

HM2P--P-----

PLATING CODE (DIGIT 13 AND 14)

CODE	CONTACT AREA		
E9	1.00 µ Au min over 1.3 µ Ni min.	SHORT / WIRE WRAP CONTACTS	PERFORMANCE LEVEL 1 (500 mating cycles)
N9	0.80 µ Au min over 1.3 µ Ni min.	SHORT / WIRE WRAP CONTACTS	PERFORMANCE LEVEL 2 (250 mating cycles)
Z1	0.40 µ Au min over 1.3 µ Ni min.	SHORT / WIRE WRAP CONTACTS	PERFORMANCE LEVEL 3 (50 mating cycles)
GL	1.00 µ Au min over 1.3 µ Ni min.	REAR PLUG-UP CONTACTS	PERFORMANCE LEVEL 1 (500 mating cycles)
GF	0.80 µ Au min over 1.3 µ Ni min.	REAR PLUG-UP CONTACTS	PERFORMANCE LEVEL 2 (250 mating cycles)
GC	0.40 µ Au min over 1.3 µ Ni min.	REAR PLUG-UP CONTACTS	PERFORMANCE LEVEL 3 (50 mating cycles)

NOTES

1. CSA CERTIFIED, FILE NUMBER LR 44961-51.

2. UL APPROVED, FILE NUMBER E31151.

3. MEASURED AT THE BOTTOM.

4. MATERIAL CONTACT: PHOSPHORBRONZE
HOUSING: CREAM WHITE GLASFILLED
POLYESTER UL-94V0

5. CONNECTOR PRINTED WITH P/N AND DATE CODE.

6. FOR ACTUAL CONTACT LOADINGS, SEE LOADING PATTERN
MATING SIDE.

1DEC ±0.2 1DEC
2DEC ±0.1 2DEC
ANGLES ±1° HOEKEN

WE RESERVE THE RIGHT TO CHANGE
DIMENSIONS OR REQUIREMENTS
WITHOUT PRIOR NOTICE.

ALL DIMENSIONS IN MM

ALLE AFMETINGEN IN MM

APPR.

DATE

SIGN.

LOADING PATTERN OVERVIEW

DRAFT

03-04-98

M.Fret

CAT. No. HM2P07PDW145--

CHECKED

PROD. MGR.

PR. ENG. MGR.

PR. MGT. MGR.

REFERENCES/REFERENTIES

SCALE

FRAMATOME CONNECTORS BELGIUM N.V.
A. SPINOYSTRAAT 8, 2000 MECHELEN

BS,C ,201843,502,01
DRAWING No. CUSTOMER DRAWING

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DIT IS ONZE EIGENDOM EN MAG NOCH HANDELAAT, HERPRODUKT, OVERGEHAAT AAN
DEREN, NOCH VOOR FABRICATIE GEBRUIKT WORDEN, ZONDER ONZE SCHRIFTELIJKE
TOELATING. BIJ NIET GEBRUIK IS TERUGZENDING VERPLICHT.

8

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6

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