

535 280^{to} / 590

TRIM TRIO "UTP" SERIES

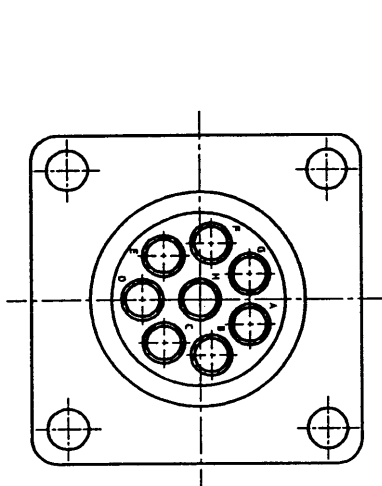
***A NEW ALL PLASTIC
CIRCULAR CONNECTOR
FOR THE INDUSTRIAL
MARKET***

DIT IS ONZE EIGENOM EN MAG NOCH NAGEMAAKT, HERDRUKT, OVERGEHAKT AAN DEREN, NOCH VOOR FABRICATIE GEBRUIKT WORDEN, ZONDER ONZE SCHRIFTELIJKE TOELATING. BIJ NIET GEBRUIK IS DE TERUGZENDING VERPLICHT.

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BS, A , 201766, 002, 0A

WIRING FACE



REV.

DATE

DESCRIPTION

BY

C'K'D'

A MAX.

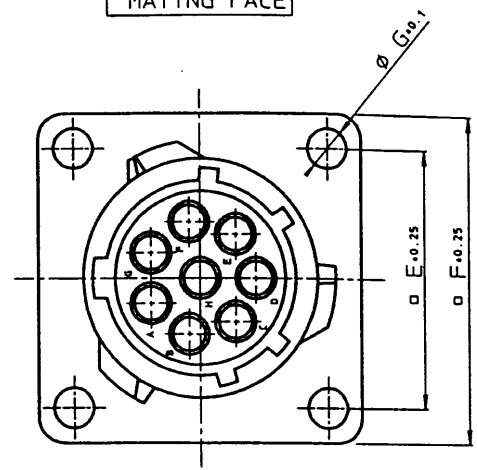
C+0.2

B+0.15

Ø D+0.15

Ø 3.25/3.45

MATING FACE



CAT. NUMBER	A MAX.	B+0.15	C+0.2	Ø D+0.15	E+0.25	F+0.25	Ø G+0.1	Ø H+0.1	Ø J+0.1
UTP0104S	24.3	2.3	11.3	15.0	18.3	23.8	3.2	17.3	15.1
UTP0125S	24.3	2.3	11.3	19.0	20.6	26.2	3.2	21.8	18.2
UTP0128S	24.3	2.3	11.3	19.0	20.6	26.2	3.2	21.8	18.2
UTP01412S	24.3	2.3	11.3	22.2	23.0	28.6	3.2	25.0	21.4
UTP01619S	24.3	2.3	11.3	25.3	24.6	31.0	3.2	28.1	24.6
UTP01823S	24.3	2.5	11.3	28.5	26.9	33.1	3.2	31.3	27.8
UTP02028S	27.0	2.5	14.5	31.7	29.4	36.5	3.2	34.5	30.9
UTP02235S	28.0	3.5	14.5	34.9	31.6	39.3	3.2	37.7	34.1
UTP02448S	30.4	3.5	15.3	38.0	34.9	42.9	3.9	40.9	37.3

* NOTE 4

UTP0128S AS SHOWN

MATERIAL

- BODY : GLASS-FILLED POLYESTER UL94-V0. COLOUR : BLACK

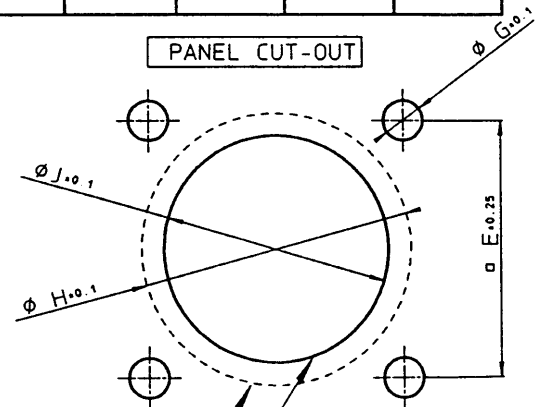
PERFORMANCE CHARACTERISTICS

- OPERATING TEMPERATURE : -25 °C TO +125 °C.
- INSULATION RESISTANCE : 5000 MΩ MIN.
- TEST POTENTIAL : 2000 V EFF.

NOTES

- CONNECTOR ACCEPTS * 16 STRIP FORMED SOCKET, MACHINED SOCKET AND SUBMINIATURE COAXIAL PIN AND SOCKET CONTACTS.
- CONTACTS TO BE ORDERED SEPARATELY : REFER TO TRIM - TRIO CATALOG.
- FOR OTHER INSERT ARRANGEMENTS SEE BS.C.201458,000
- FOR WATERPROTECTED VERSION: ADD 'H' TO THE CAT.NO. E.G. CAT.NO.: UTP0128SH
- MATING PART : UTP6----P

PANEL CUT-OUT



REAR PANEL MOUNTING

FRONT PANEL MOUNTING

GEN. ST.	01		02		03		04		05		06		07		08		0D		50		60		70		80		90				
INT. ST.	10	11	12	13	14	18	20	31	32	33	34	38	39	40	42	43	44	45	46	48	56	70	72	73	75	76	81	82	83	84	88

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

APPR.

DATE

SIGN.

FEMALE RECEPTACLE

DRAFT

19-04-94

J. GOOSSENS

CAT. No. UTP0----S(H) (SEE TABLE)

CHECKED

PROD. MGR.

PR. ENG. MGR.

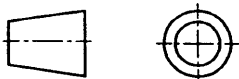
PR. MGT. MGR.



FRAMATOME CONNECTORS BELGIUM N.V.
A. SPINOYSTRAAT 8, 2800 MECHELEN

SCALE

ALL DIMENSIONS IN MM



ALLE AFMETINGEN IN MM

REFERENCES / REFERENTIES

BS, A , 201766, 002, 0A

DRAWING NR.

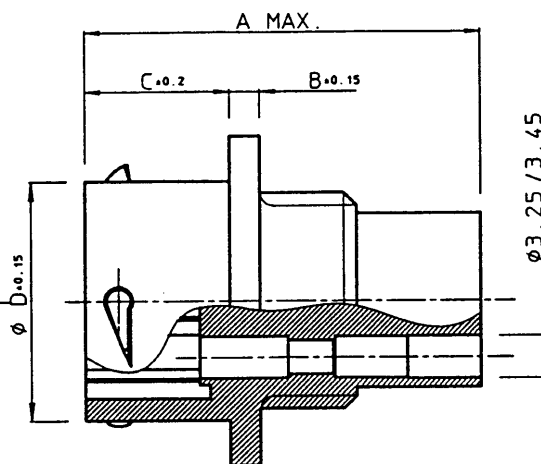
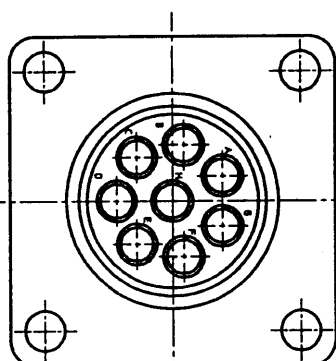
CUSTOMER DRAWING

DIT IS OORZ EIGENDOM EN MAG NOCH NAGENAKT, HERDRUKT, OVERGEGEEN, VERKOPPT, NOCH VOOR FABIKAATIE GEBRUIKT WORDEN, ZONDER ONZE SCHRIFTELIJKE TOELATING. BIJ NIET GEBRUIK IS DE TOEGEZONDEN VERPLICHT.

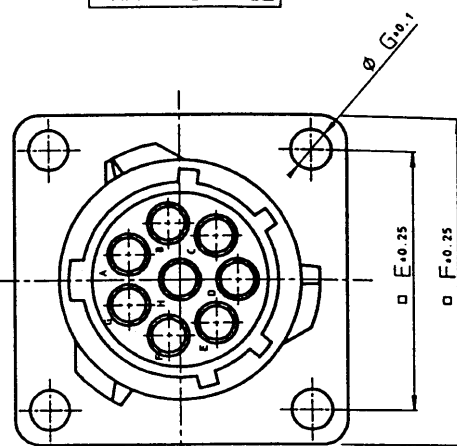
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BS, A , 201766, 001, 0A

WIRING FACE



MATING FACE



CAT. NUMBER	A MAX.	B ± 0.15	C ± 0.2	Ø D ± 0.15	E ± 0.25	F ± 0.25	Ø G ± 0.1	Ø H ± 0.1	Ø J ± 0.1
UTP0104P	31.7	2.3	11.3	15.0	18.3	23.8	3.2	17.3	15.1
UTP0125P	31.7	2.3	11.3	19.0	20.6	26.2	3.2	21.8	18.2
UTP0128P	31.7	2.3	11.3	19.0	20.6	26.2	3.2	21.8	18.2
UTP01412P	31.7	2.3	11.3	22.2	23.0	28.6	3.2	25.0	21.4
UTP01619P	31.7	2.3	11.3	25.3	24.6	31.0	3.2	28.1	24.6
UTP01823P	31.7	2.5	11.3	28.5	26.9	33.1	3.2	31.3	27.8
UTP02028P	33.3	2.5	14.5	31.7	29.4	36.5	3.2	34.5	30.9
UTP02235P	33.3	3.5	14.4	34.9	31.6	39.3	3.2	37.7	34.1
UTP02448P	33.3	3.5	15.3	38.0	34.9	42.9	3.9	40.9	37.3
* NOTE 4									

UTP0128P AS SHOWN

MATERIAL

- BODY : GLASS-FILLED POLYESTER UL94-V0. COLOUR : BLACK

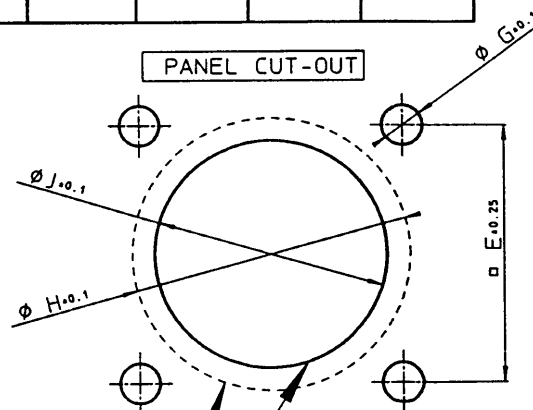
PERFORMANCE CHARACTERISTICS

- OPERATING TEMPERATURE : -25 °C TO +125 °C.
- INSULATION RESISTANCE : 5000 MΩ MIN.
- TEST POTENTIAL : 2000 V EFF.

NOTES

- CONNECTOR ACCEPTS 16 STRIP FORMED PIN, MACHINED PIN AND SUBMINATURE PIN AND SOCKET CONTACTS
- CONTACTS TO BE ORDERED SEPARATELY : REFER TO TRIM - TRIO CATALOG.
- FOR OTHER INSERT ARRANGEMENTS SEE BS.C .201458.000
- FOR WATERPROTECTED VERSION: ADD 'H' TO THE CAT.NO. E.G. CAT.NO.: UTP0128PH
- MATING PART : UTP6----S

PANEL CUT-OUT



REAR PANEL MOUNTING
FRONT PANEL MOUNTING

GEN. ST.	01		02		03		04		05		06		07		08		0D		50		60		70		80		90				
INT. ST.	10	11	12	13	14	18	20	31	32	33	34	38	39	40	42	43	44	45	46	48	56	70	72	73	75	76	81	82	83	84	88

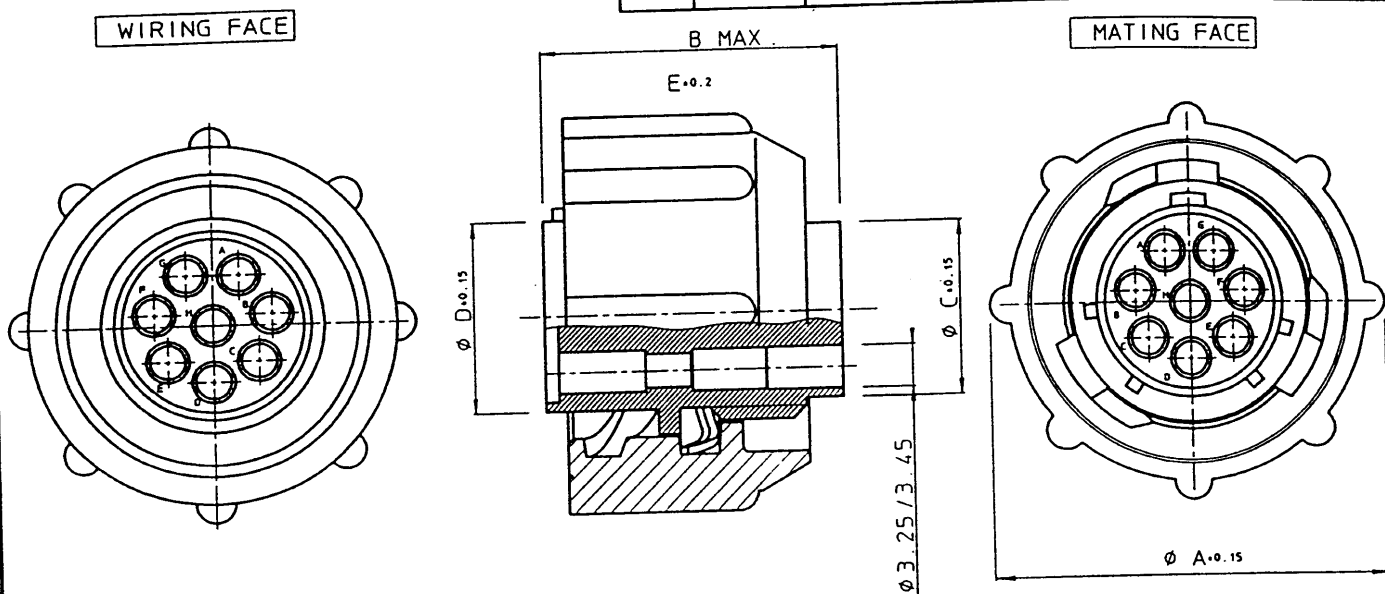
1DEC ± 0.2 1DEC 2DEC ± 0.1 2DEC ANGLES ± 1° HOEKEN	APPR.	DATE	SIGN.	MALE RECEPTACLE
WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE.	DRAFT	19-04-94	J. GOOSSSENS	CAT. No. UTP0----P(H) (SEE TABLE)
ALL DIMENSIONS IN MM	PROD. MGR.			FRAMATOME CONNECTORS BELGIUM N.V.
ALLE AFMETINGEN IN MM	PR. ENG. MGR.			A. SPINOYSTRAT 8, 2800 MECHELEN
	PR. MGT. MGR.			SCALE
	REFERENCES / REFERENTIES			BS, A , 201766, 001, 0A
				DRAWING NR. CUSTOMER DRAWING

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

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BS, A , 201766, 004, 0A

REV.	DATE	DESCRIPTION	BY	C'K'D



CAT. NUMBER	Ø A ± 0.15	B MAX.	Ø C ± 0.15	Ø D ± 0.15	E ± 0.2
UTP6104S	26.7	23.7	10.9	12.2	19.1
UTP6125S	31.4	23.7	13.8	15.1	19.1
UTP6128S	31.4	23.7	13.8	15.1	19.1
UTP61412S	34.5	23.7	17.0	18.3	19.1
UTP61619S	37.8	23.7	19.9	21.5	19.1
UTP61823S	40.8	23.7	22.4	24.0	19.1
UTP62028S	43.9	24.9	25.6	27.2	19.1
UTP62235S	45.1	24.9	28.5	30.4	19.1
UTP62448S	50.1	26.2	31.7	33.5	19.1

MATERIAL

UTP6128S AS SHOWN

- BODY : GLASS-FILLED POLYESTER UL94-V0, COLOUR : BLACK
- BAYONET RING : GLASS-FILLED POLYESTER UL94-V0, COLOUR : BLACK
- COUPLING SPRING : SPRING STEEL

PERFORMANCE CHARACTERISTICS

- OPERATING TEMPERATURE : -25 °C TO +125 °C
- INSULATION RESISTANCE : 5000 MΩ MIN.
- TEST POTENTIAL : 2000 V EFF

NOTES

- 1 CONNECTOR ACCEPTS ■ 16 STRIP FORMED SOCKET, MACHINED SOCKET AND SUBMINIATURE COAXIAL PIN AND SOCKET CONTACTS.
- 2 CONTACTS TO BE ORDERED SEPARATELY : REFER TO TRIM - TRIO CATALOG
3. FOR OTHER INSERT ARRANGEMENTS SEE BS.C .201458,000
4. MATING PART : UTP0----P OR UTP1----P

GEN. ST.	01	02	03	04	05	06	07	08	0D	50	60	70	80	90																
INT. ST.	10	11	12	13	14	18	20	31	32	33	34	38	39	40	42	43	44	45	46	48	56	70	72	73	75	76	81	82	85	86

1DEC ±0.2 1DEC 2DEC ±0.1 2DEC ANGLES ±1° HOEKEN	APPR.	DATE	SIGN.
WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE.	DRAFT	19-04-94	J. GOOSSENS
ALL DIMENSIONS IN MM	CHECKED		
	PROD. MGR.		
ALLE AFMETINGEN IN MM	PR. ENG. MGR.		
	PR. MGT. MGR.		

REFERENCES/REFERENTIES

FEMALE PLUG	CAT. No. UTP6----S(H) (SEE TABLE)
	FRAMATOME CONNECTORS BELGIUM N V
FCI	A SPINOYSTRAAT 8, 2800 MECHELEN
FRAMATOME CONNECTORS INTERNATIONAL	SCALE

BS, A , 201766, 004, 0A
DRAWING NR. CUSTOMER DRAWING

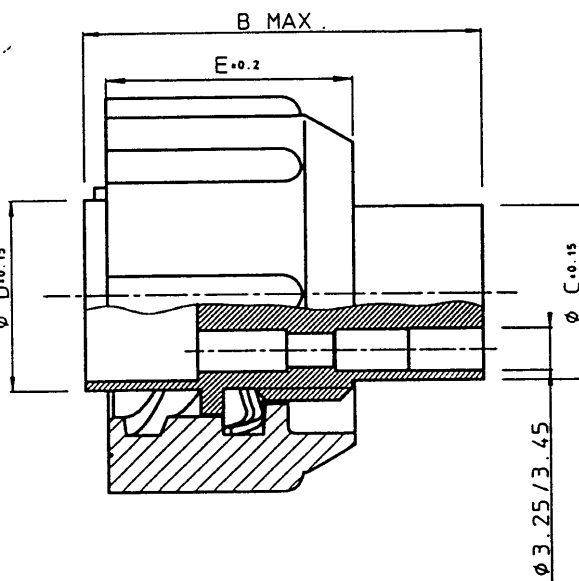
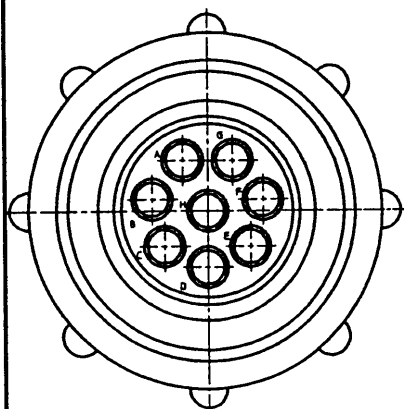
DIT IS ONZE EIGENOM EN MAG NOCH NAGEHAANT, HERDRUKT, OVERGEHAANT AAN
DEREN, NOCH VOOR FABRICATIE GEBRUIKT WORDEN, ZONDER ONZE SCHRIFTELIJKE
TOELATING. BIJ NIET GEBRUIK IS DE TENUZENDING VERPLICHT.

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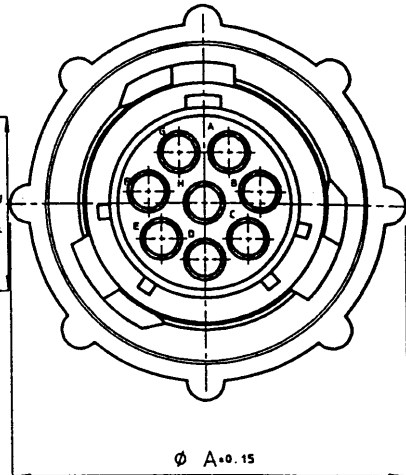
BS, A , 201766 , 003 , 0A

REV.	DATE	DESCRIPTION	BY	C'K'D'

WIRING FACE



MATING FACE



CAT. NUMBER	ϕ A+0.15	B MAX.	ϕ C+0.15	ϕ D+0.15	E+0.2
UTP6104P	26.7	31.8	10.9	12.2	19.1
UTP6125P	31.4	31.8	13.8	15.1	19.1
UTP6128P	31.4	31.8	13.8	15.1	19.1
UTP61412P	34.5	31.8	17.0	18.3	19.1
UTP61619P	37.8	31.8	19.9	21.5	19.1
UTP61823P	40.8	31.8	22.4	24.0	10.1
UTP62028P	43.9	31.8	25.6	27.2	19.1
UTP62235P	45.1	31.8	26.5	30.4	19.1
UTP62448P	50.1	31.8	31.7	33.5	19.1

MATERIAL

UTP6128P AS SHOWN

- BODY : GLASS-FILLED POLYESTER UL94-V0 , COLOUR : BLACK
- BAYONET RING : GLASS-FILLED POLYESTER UL94-V0, COLOUR BLACK
- COUPLING SPRING : SPRING STEEL

PERFORMANCE CHARACTERISTICS

- OPERATING TEMPERATURE : -25 °C TO +125 °C.
- INSULATION RESISTANCE : 5000 M Ω MIN.
- TEST POTENTIAL : 2000 V EFF.

NOTES

- 1 CONNECTOR ACCEPTS 16 STRIP FORMED PIN, MACHINED PIN AND SUBMINIATURE COAXIAL PIN AND SOCKET CONTACTS.
- 2 CONTACTS TO BE ORDERED SEPARATELY : REFER TO TRIM - TRIO CATALOG.
- 3.FOR OTHER INSERT ARRANGEMENTS SEE BS.C .201458.000
- 4.MATING PART : UTP0----S OR UTP1----S

GEN. ST.	01	02	03	04	05	06	07	08	0D	50	60	70	80	90																	
INT. ST.	10	11	12	13	14	18	20	31	32	33	34	38	39	40	42	43	44	45	46	48	56	70	72	73	75	76	81	82	83	84	88

1DEC ± 0.2 1DEC 2DEC ± 0.1 2DEC ANGLES $\pm 1^\circ$ HOEKEN	APPR.	DATE	SIGN.	MALE PLUG
WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE.	DRAFT	19-04-94	J. GOOSSSENS	CAT. No. UTP6----P(H) (SEE TABLE)
ALL DIMENSIONS IN MM	CHECKED			SCALE
	PROD. MGR.			FRAMATOME CONNECTORS BELGIUM N.V.
ALLE AFMETINGEN IN MM	PR. ENG. MGR.			A. SPINOYSTRAT 8, 2800 MECHELEN
	PR. MGT. MGR.			FCI FRAMATOME CONNECTORS INTERNATIONAL
	REFERENCES / REFERENTIES			BS, A , 201766 , 003 , 0A DRAWING NR. CUSTOMER DRAWING

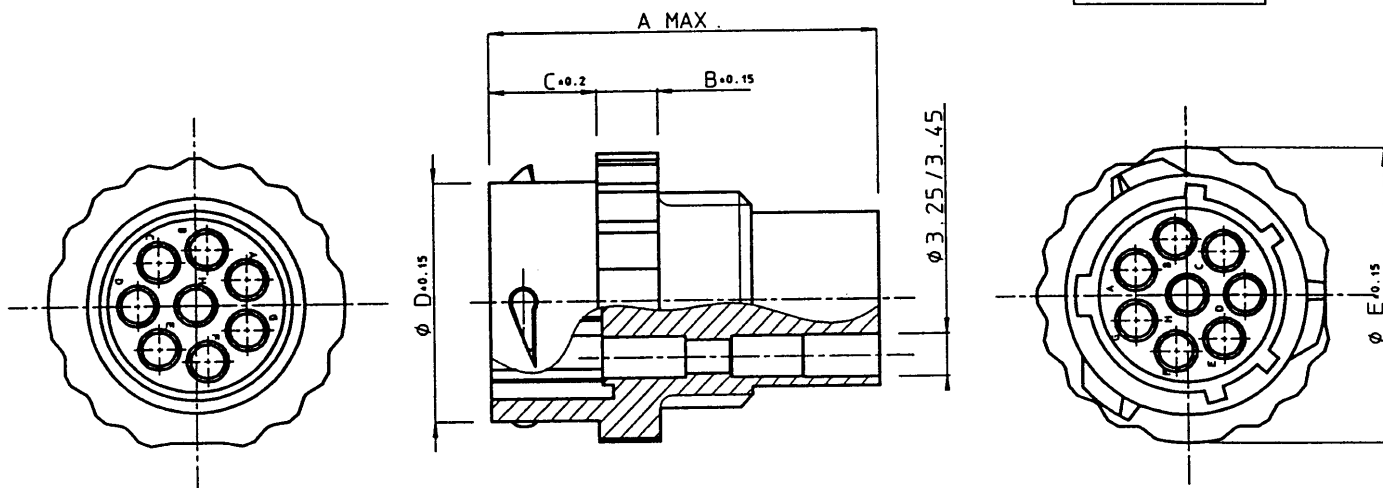
DIT IS ONZE EIGENOM EN MAG HOCH NAGEHAANT. NEDERLANDT, OVERGEHAANT AAN
DERDEN, HOCH VOOR PABRIKATIE GEBRUIKT WORDEN, ZONDER ONZE SCHRIFTTELIJKE
TOELATING. BIJ NIET GEBRUIK IS DE TERNAZOONING VERPLICHT.

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OUR WRITTEN CONSENT, AND HAS TO BE RETURNED TO US IN CASE OF NO USAGE

REV.	DATE	DESCRIPTION	BY	C'K'D'

WIRING FACE

MATING FACE



CAT. NUMBER	A MAX.	B ± 0.15	C ± 0.2	Ø D ± 0.15	Ø E ± 0.15
UTP1104P	31.7	5.0	8.65	15.0	19.5
UTP1125P	31.7	5.0	8.65	19.0	23.5
UTP1128P	31.7	5.0	8.65	19.0	23.5
UTP11412P	31.7	5.0	8.65	22.2	27.0
UTP11619P	31.7	5.0	8.65	25.3	30.0
UTP11823P	31.7	2.5	11.3	28.5	33.3
UTP12028P	33.3	5.0	12.05	31.7	36.5
UTP12235P	33.3	3.5	14.2	34.9	39.7
UTP12448P	33.3	5.0	13.85	38.0	42.5
* NOTE 4					

MATERIAL

UTP1128P AS SHOWN

- BODY : GLASS-FILLED POLYESTER UL94-V0
- COLOUR : BLACK.

PERFORMANCE CHARACTERISTICS

- OPERATING TEMPERATURE : -25 °C TO +125 °C.
- INSULATION RESISTANCE : 5000 MΩ MIN.
- TEST POTENTIAL : 2000 V EFF.

NOTES

- CONNECTOR ACCEPTS * 16 STRIP FORMED PIN, MACHINED PIN AND SUBMINIATURE COAXIAL PIN AND SOCKET CONTACTS.
- CONTACTS TO BE ORDERED SEPARATELY : REFER TO TRIM - TRIO CATALOG
- FOR OTHER INSERT ARRANGEMENTS SEE BS.C .201458.000
- FOR WATERPROTECTED VERSION: ADD 'H' TO THE CAT.NO. E.G. CAT.NO.: UTP1128PH
- MATING PART : UTP6----S

5. MATING PAIR																															
GEN. ST.	01		02		03		04		05		06		07		08		0D		50		60		70		80		90				
INT. ST.	10	11	12	13	14	18	20	31	32	33	34	38	39	40	42	43	44	45	46	48	56	70	72	73	75	76	81	82	83	84	88

1DEC ± 0.2 1DEC 2DEC ± 0.1 2DEC ANGLES ± 1° HOEKEN	APPR.	DATE	SIGN.	FREE HANGING MALE RECEPTACLE
WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE.	DRAFT	22-4-94	J. GOOSSENS	CAT. No. UTP1----P (SEE TABLE)
ALL DIMENSIONS IN MM	CHECKED			FRAMATOME CONNECTORS BELGIUM N.V. SCALE
ALLE AFMETINGEN IN MM	PROD. MGR.			A. SPINOYSTRAT 8, 2800 MECHELEN
	PR. ENG. MGR.			FCI FRAMATOME CONNECTORS INTERNATIONAL
	PR. MGT. MGR.			BS, A , 201766 , 005 , 0A DRAWING NR. CUSTOMER DRAWING
	REFERENCES / REFERENTIES			

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

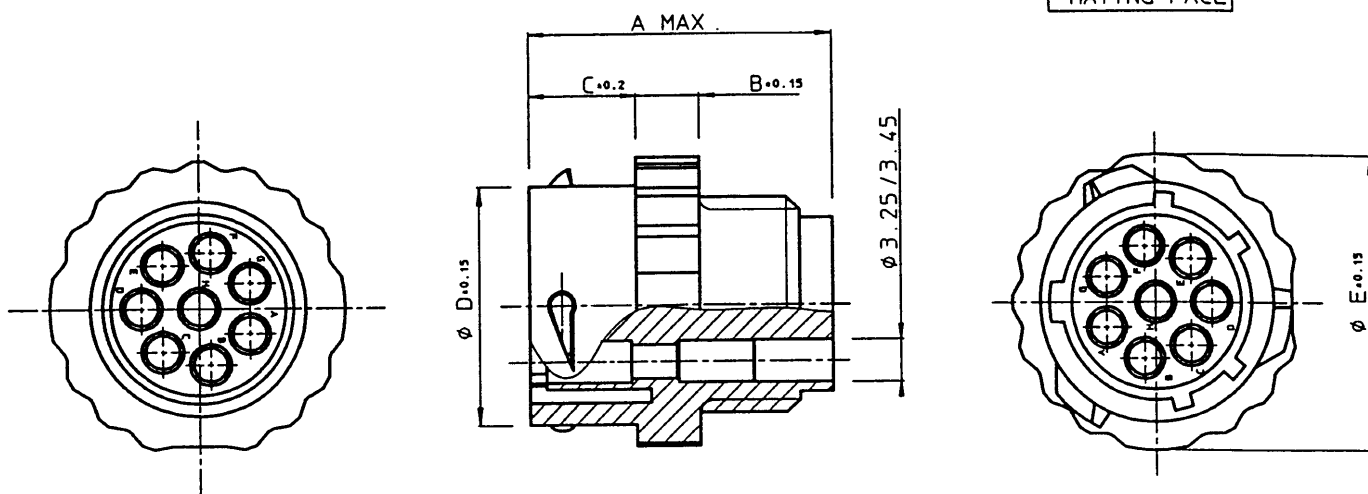
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BS, A , 201766, 006, 0A

REV.	DATE	DESCRIPTION	BY	C'K'D'

WIRING FACE

MATING FACE



CAT. NUMBER	A MAX.	B+0.15	C+0.2	Ø D+0.15	Ø E+0.15
UTP1104S	24.3	5.0	8.65	15.0	19.5
UTP1125S	24.3	5.0	8.65	19.0	23.5
UTP1128S	24.3	5.0	8.65	19.0	23.5
UTP11412S	24.3	5.0	8.65	22.2	27.0
UTP11619S	24.3	5.0	8.65	25.3	30.0
UTP11823S	24.3	2.5	14.5	31.7	36.5
UTP12028S	27.0	5.0	12.05	31.7	36.5
UTP12235S	28.0	3.5	14.5	34.9	39.7
UTP12448S	30.4	5.0	13.85	38.0	42.5
* NOTE 4					

MATERIAL

UTP1128S AS SHOWN

- BODY : GLASS-FILLED POLYESTER UL94-V0
- COLOUR : BLACK.

PERFORMANCE CHARACTERISTICS

- OPERATING TEMPERATURE : -25 °C TO +125 °C.
- INSULATION RESISTANCE : 5000 MΩ MIN.
- TEST POTENTIAL : 2000 V EFF.

NOTES

- CONNECTOR ACCEPTS # 16 STRIP FORMED SOCKET, MACHINED SOCKET AND SUBMINIATURE COAXIAL PIN AND SOCKET CONTACTS.
- CONTACTS TO BE ORDERED SEPARATELY : REFER TO TRIO CATALOG.
- FOR OTHER INSERT ARRANGEMENTS SEE BS.C .201458.000
- FOR WATERPROTECTED VERSION: ADD 'H' TO THE CAT.NO. E.G. CAT.NO.: UTP1128SH
- MATING PART : UTP6----P

GEN. ST.	01	02	03	04	05	06	07	08	0D	50	60	70	80	90																	
INT. ST.	10	11	12	13	14	18	20	31	32	33	34	38	39	40	42	43	44	45	46	48	56	70	72	73	75	76	81	82	83	84	88

1DEC ±0.2 1DEC 2DEC ±0.1 2DEC ANGLES ±1° HOEKEN	APPR.	DATE	SIGN.	FREE HANGING FEMALE RECEPTACLE
WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE.	DRAFT	22-4-94	J. GOOSSENS	CAT. No. UTP1----S (SEE TABLE)
ALL DIMENSIONS IN MM	CHECKED			SCALE
ALLE AFMETINGEN IN MM	PROD. MGR.			FRAMATOME CONNECTORS BELGIUM N.V.
	PR. ENG MGR.			A. SPINOYSTRAT 8, 2800 MECHELEN
	PR. MGT MGR.			FCI FRAMATOME CONNECTORS INTERNATIONAL
	REFERENCES / REFERENTIES			BS, A , 201766, 006, 0A
				DRAWING NR. CUSTOMER DRAWING

BS.C . 201458.000.01

GEN. ST.

INT. ST.

01

02

03

04

05

06

07

08

09

10

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