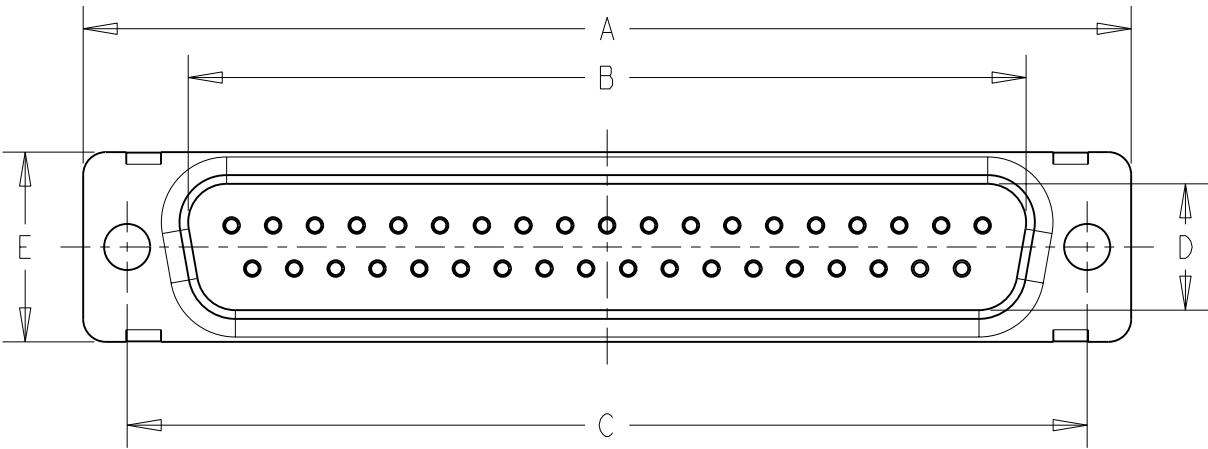
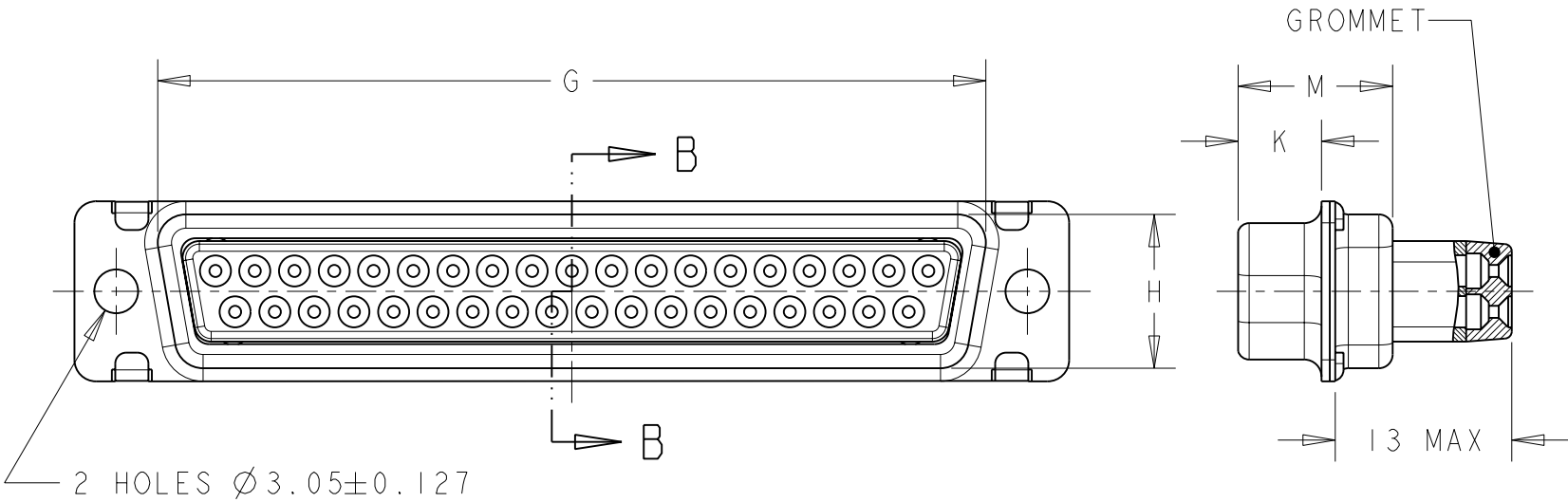


LOC		DIST		REVISIONS					
F		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					E	13 WAS 11.9 MAX. UPDATE NOTE 5 AND FORMAT	24OCT2011	JT	YP

PLUG TYPE MDP

SECTION B - B



10.82	5.84	55.32	13.56	15.37	11.20	61.11	52.81	66.93	PLUG	50	5	MDP308G - 50P2 - 001	1-1236089-0
10.82	5.84	57.71	10.72	12.55	8.36	63.50	55.42	69.32	PLUG	37	4	MDP308G - 37P2 - 001	1236089-9
10.82	5.84	41.30	10.72	12.55	8.36	47.04	38.96	53.04	PLUG	25	3	MDP308G - 25P2 - 001	1236089-8
10.72	5.97	27.51	10.72	12.55	8.36	33.32	25.25	39.14	PLUG	15	2	MDP308G - 15P2 - 001	1236089-7
10.72	5.97	19.28	10.72	12.55	8.36	24.99	16.92	30.81	PLUG	9	1	MDP308G - 9P2 - 001	1236089-6
10.82	5.84	55.32	13.56	15.37	11.20	61.11	52.81	66.93	PLUG WITH #20 PIN CONTACTS	50	5	MDP308G - 50P2	1236089-5
10.82	5.84	57.71	10.72	12.55	8.36	63.50	55.42	69.32	PLUG WITH #20 PIN CONTACTS	37	4	MDP308G - 37P2	1236089-4
10.82	5.84	41.30	10.72	12.55	8.36	47.04	38.96	53.04	PLUG WITH #20 PIN CONTACTS	25	3	MDP308G - 25P2	1236089-3
10.72	5.97	27.51	10.72	12.55	8.36	33.32	25.25	39.14	PLUG WITH #20 PIN CONTACTS	15	2	MDP308G - 15P2	1236089-2
10.72	5.97	19.28	10.72	12.55	8.36	24.99	16.92	30.81	PLUG WITH #20 PIN CONTACTS	9	1	MDP308G - 9P2	1236089-1
M±0.25	K±0.13	G±0.25	H±0.25	E±0.38	D±0.13	C±0.13	B±0.13	A±0.38	DESCRIPTION	Nb POS.	SIZE	OLD P/N	P/N 
												STANDARD MOUNT	

SEE NOTES ON LAST SHEET

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
NOTE 3

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.5

1 PLC ±0.1

2 PLC ±0.02

3 PLC ±0.005

4 PLC ±

ANGLES ±30°

FINISH

NOTE 4

DWN J. THUEZ 29MAY2009

CHK Y. PETRONIN 03JUN2009

APVD Y. PETRONIN 03JUN2009

PRODUCT SPEC

APPLICATION SPEC

NOTE 7

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME
SUB D PLUG
WITH WIRE BUSHING
MDP TYPE

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A300779

C=1236089

SCALE 2:1

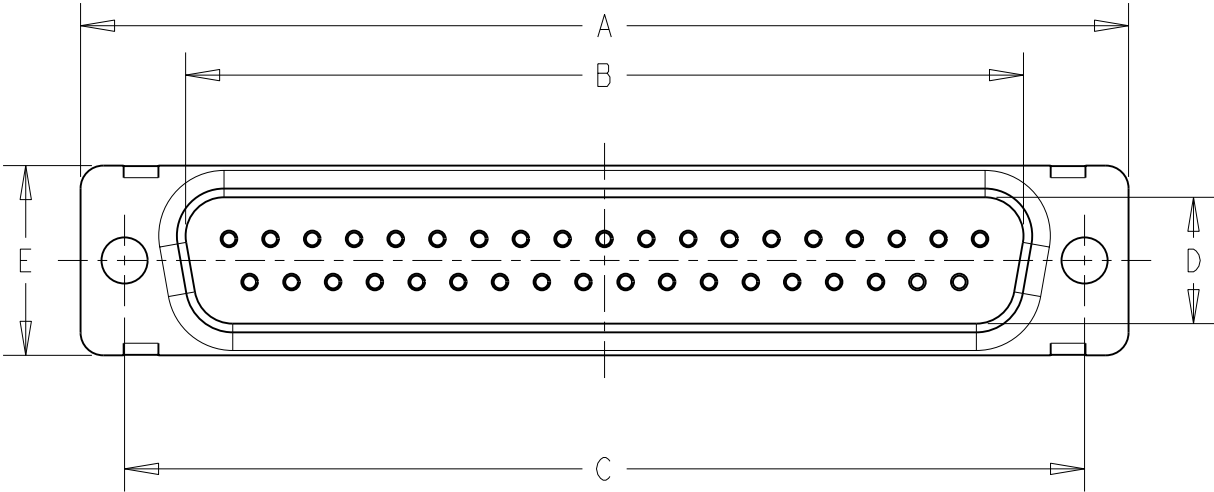
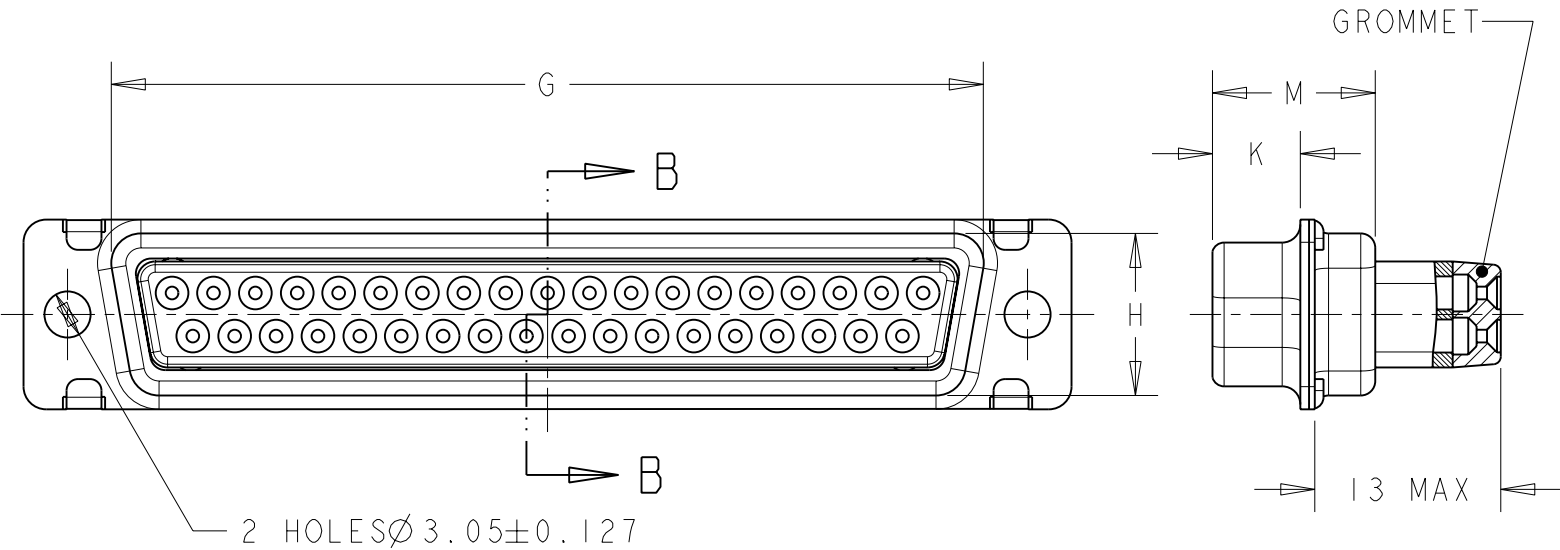
SHEET 1 OF 6

REV E

LOC		DIST		REVISIONS					
F		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					-	SEE SHEET 1	-	-	-

PLUG TYPE MDP

SECTION B - B



10.82	5.84	58.47	15.14	16.97	12.78	63.50	56.18	69.32	PLUG	104	6	MDP308G - 66104P2 - 001	4-1236089-1
10.82	5.84	55.32	13.56	15.37	11.20	61.11	52.81	66.93	PLUG	78	5	MDP308G - 5078P2 - 001	4-1236089-0
10.82	5.84	57.71	10.72	12.55	8.36	63.50	55.42	69.32	PLUG	62	4	MDP308G - 3762P2 - 001	3-1236089-9
10.82	5.84	41.30	10.72	12.55	8.36	47.04	38.96	53.04	PLUG	44	3	MDP308G - 2544P2 - 001	3-1236089-8
10.72	5.97	27.51	10.72	12.55	8.36	33.32	25.25	39.14	PLUG	26	2	MDP308G - 1526P2 - 001	3-1236089-7
10.72	5.97	19.28	10.72	12.55	8.36	24.99	16.92	30.81	PLUG	15	1	MDP308G - 915P2 - 001	3-1236089-6
10.82	5.84	58.47	15.14	16.97	12.78	63.50	56.18	69.32	PLUG WITH #22 PIN CONTACTS	104	6	MDP308G - 66104P2	3-1236089-5
10.82	5.84	55.32	13.56	15.37	11.20	61.11	52.81	66.93	PLUG WITH #22 PIN CONTACTS	78	5	MDP308G - 5078P2	3-1236089-4
10.82	5.84	57.71	10.72	12.55	8.36	63.50	55.42	69.32	PLUG WITH #22 PIN CONTACTS	62	4	MDP308G - 3762P2	3-1236089-3
10.82	5.84	41.30	10.72	12.55	8.36	47.04	38.96	53.04	PLUG WITH #22 PIN CONTACTS	44	3	MDP308G - 2544P2	3-1236089-2
10.72	5.97	27.51	10.72	12.55	8.36	33.32	25.25	39.14	PLUG WITH #22 PIN CONTACTS	26	2	MDP308G - 1526P2	3-1236089-1
10.72	5.97	19.28	10.72	12.55	8.36	24.99	16.92	30.81	PLUG WITH #22 PIN CONTACTS	15	1	MDP308G - 915P2	3-1236089-0
M±0.25	K±0.13	G±0.25	H±0.25	E±0.38	D±0.13	C±0.13	B±0.13	A±0.38	DESCRIPTION	NB POS	SIZE	OLD P/N	P/N 2
												STANDARD MOUNT HIGH DENSITE	

SEE NOTES ON LAST SHEET

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL NOTE 3

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.5
1 PLC ±0.1
2 PLC ±0.02
3 PLC ±0.005
4 PLC ±0.005
ANGLES ±0.30°
FINISH NOTE 4

DWN J. THUEZ 29MAY2009
CHK Y. PETRONIN 03JUN2009
APVD Y. PETRONIN 03JUN2009
PRODUCT SPEC -
APPLICATION SPEC NOTE 7
WEIGHT -

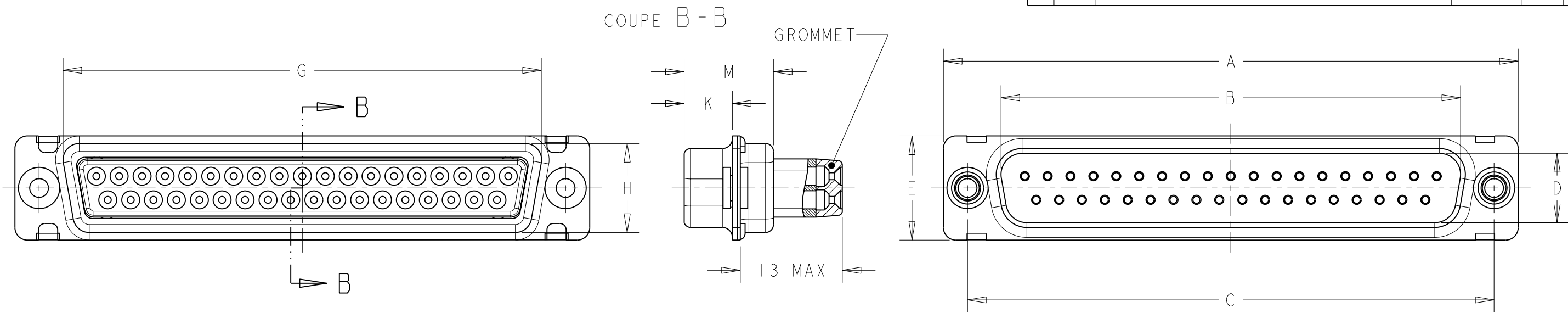
TE Connectivity

SUB D PLUG
WITH WIRE BUSHING
MDP TYPE

SIZE A300779
CAGE CODE C-1236089
DRAWING NO
RESTRICTED TO -

CUSTOMER DRAWINGSCALE 2:1SHEET 2 OF 6REV E

PLUG TYPE MDP



10.82	5.84	55.32	13.56	15.37	11.20	61.11	52.81	66.93	PLUG	50	5	MDP308GF - 50P2 - 001	2-1236089-0
10.82	5.84	57.71	10.72	12.55	8.36	63.50	55.42	69.32	PLUG	37	4	MDP308GF - 37P2 - 001	1-1236089-9
10.82	5.84	41.30	10.72	12.55	8.36	47.04	38.96	53.04	PLUG	25	3	MDP308GF - 25P2 - 001	1-1236089-8
10.72	5.97	27.51	10.72	12.55	8.36	33.32	25.25	39.14	PLUG	15	2	MDP308GF - 15P2 - 001	1-1236089-7
10.72	5.97	19.28	10.72	12.55	8.36	24.99	16.92	30.81	PLUG	9	1	MDP308GF - 9P2 - 001	1-1236089-6
10.82	5.84	55.32	13.56	15.37	11.20	61.11	52.81	66.93	PLUG WITH #20 PIN CONTACTS	50	5	MDP308GF - 50P2	1-1236089-5
10.82	5.84	57.71	10.72	12.55	8.36	63.50	55.42	69.32	PLUG WITH #20 PIN CONTACTS	37	4	MDP308GF - 37P2	1-1236089-4
10.82	5.84	41.30	10.72	12.55	8.36	47.04	38.96	53.04	PLUG WITH #20 PIN CONTACTS	25	3	MDP308GF - 25P2	1-1236089-3
10.72	5.97	27.51	10.72	12.55	8.36	33.32	25.25	39.14	PLUG WITH #20 PIN CONTACTS	15	2	MDP308GF - 15P2	1-1236089-2
10.72	5.97	19.28	10.72	12.55	8.36	24.99	16.92	30.81	PLUG WITH #20 PIN CONTACTS	9	1	MDP308GF - 9P2	1-1236089-1
M±0.25	K±0.13	G±0.25	H±0.25	E±0.38	D±0.13	C±0.13	B±0.13	A±0.38	DESCRIPTION	Nb POS	SIZE	OLD P/N	P/N
												FLOATING BUSHING	

SEE NOTES ON LAST SHEET

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
NOTE 3

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.5

1 PLC ±0.1

2 PLC ±0.02

3 PLC ±0.005

4 PLC ±

ANGLES ±0.30°

FINISH

NOTE 4

DWN
J. THUEZ
CHK
Y. PETRONIN
APVD
Y. PETRONIN
PRODUCT SPEC
APPLICATION SPEC
NOTE 7
WEIGHT
CUSTOMER DRAWING

29MAY2009
03JUN2009
03JUN2009

-
-
-

NAME
SUB D PLUG
WITH WIRE BUSHING
MDP TYPE

SIZE
A3

CAGE CODE
00779

DRAWING NO
C-1236089

RESTRICTED TO
-

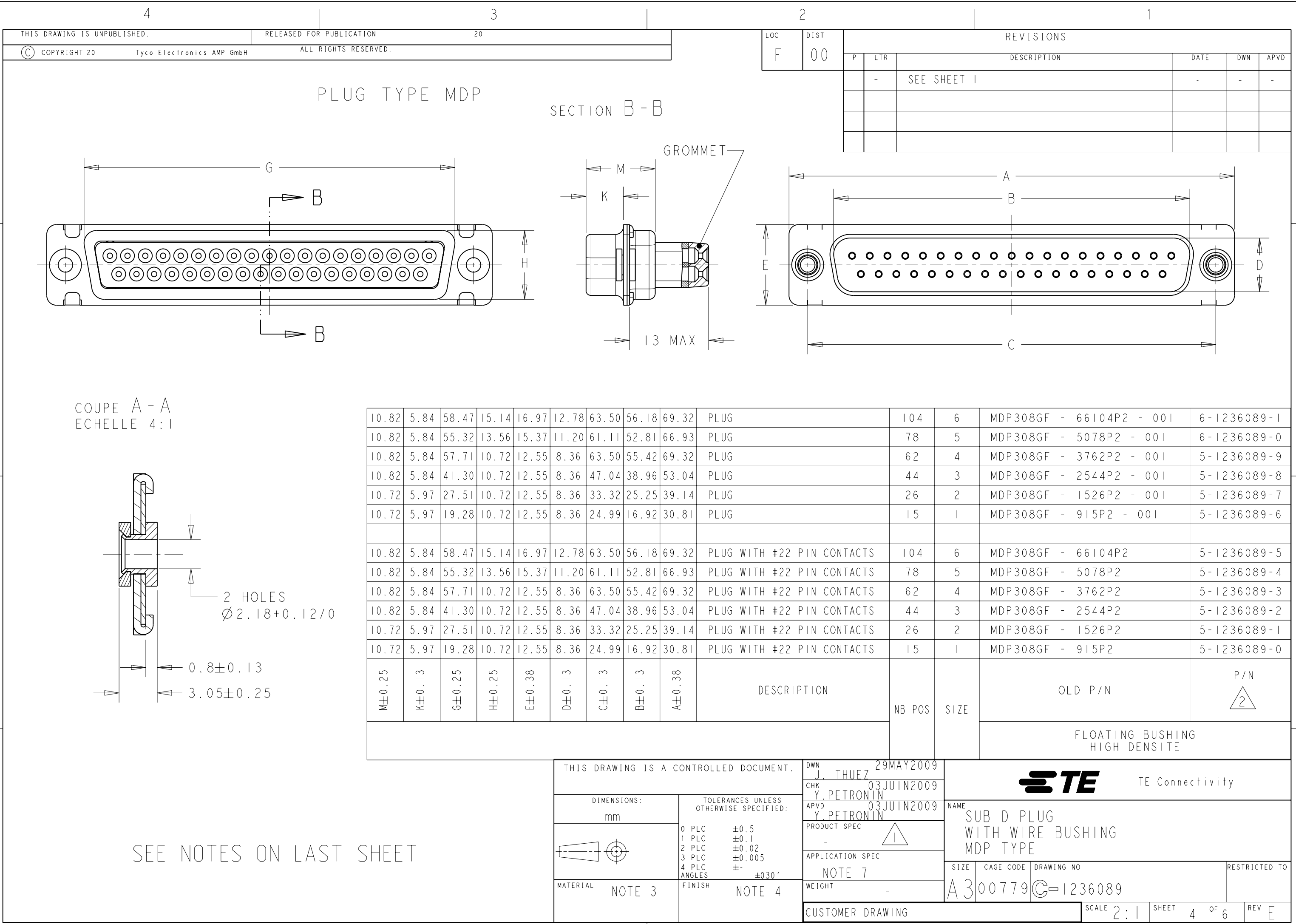
TE Connectivity

SCALE 2:1

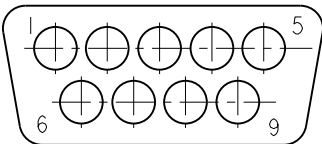
SHEET 3 OF 6

REV E

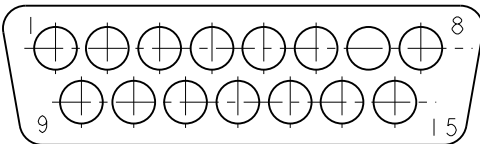
1470-19 (3/11)



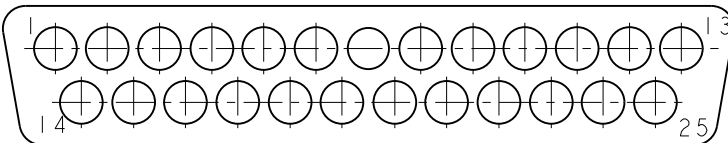
MATING FACE OF PLUG SHOWN
CONFIGURATIONS FOR #20 CONTACTS



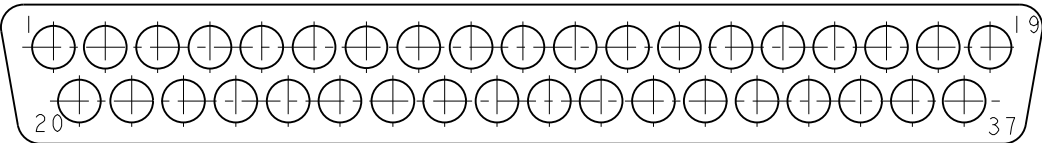
9 POSITION MS18273-1
SHELL SIZE 1



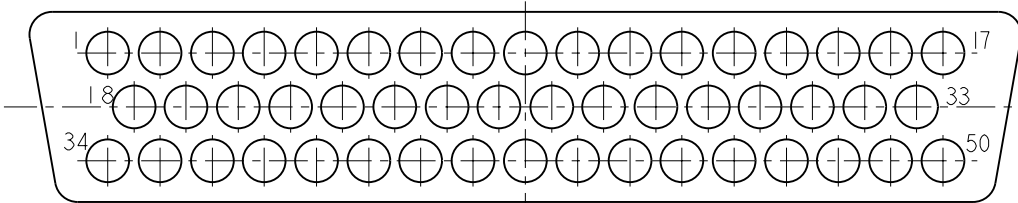
15 POSITION MS18274-1
SHELL SIZE 2



25 POSITION MS18275-1
SHELL SIZE 3

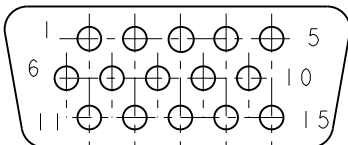


37 POSITION MS18276-1
SHELL SIZE 4

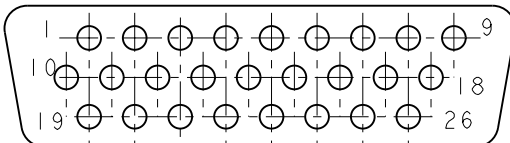


50 POSITION MS18277-1
SHELL SIZE 5

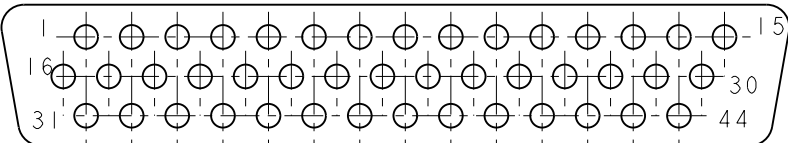
CONFIGURATIONS FOR #22 CONTACTS
MATING FACE OF PLUG SHOWN



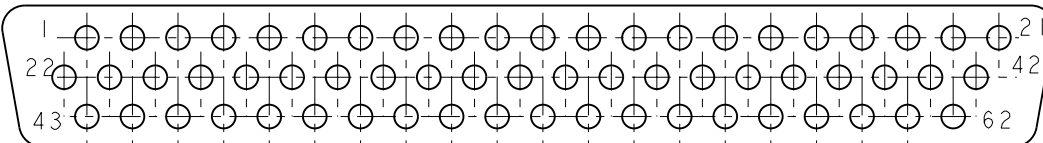
15 POSITION MS18273-2
SHELL SIZE 1



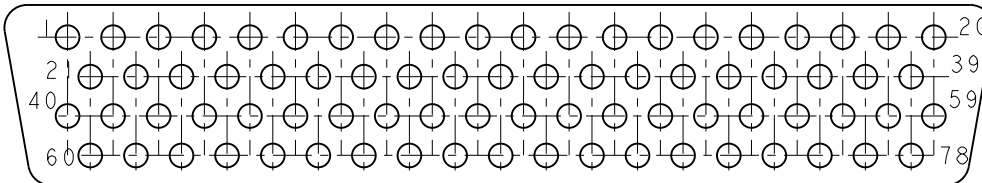
26 POSITION MS18274-2
SHELL SIZE 2



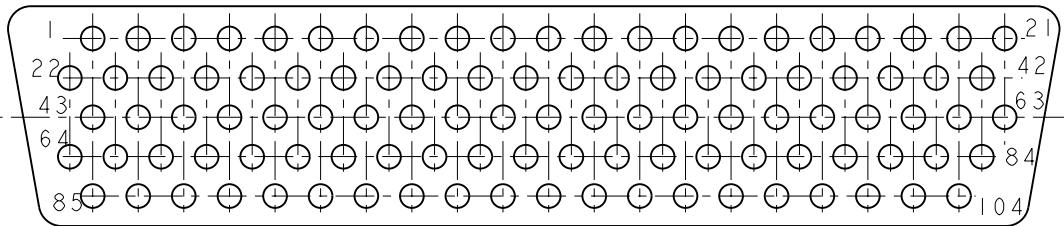
44 POSITION MS18275-2
SHELL SIZE 3



62 POSITION MS18276-2
SHELL SIZE 4



78 POSITION MS18277-2
SHELL SIZE 5



104 POSITION MS14004-1
SHELL SIZE 6

SEE NOTES ON LAST SHEET

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. THUEZ 29MAY2009	TE Connectivity		
DIMENSIONS: mm		CHK Y. PETRONIN 03JUN2009			
		APVD Y. PETRONIN 03JUN2009	NAME SUB D PLUG WITH WIRE BUSHING MDP TYPE		
		PRODUCT SPEC -			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC NOTE 7	SIZE A300779		
0 PLC ±0.5 1 PLC ±0.1 2 PLC ±0.02 3 PLC ±0.005 4 PLC ANGLES ±° FINISH ±°30'		WEIGHT -			
MATERIAL NOTE 3		CUSTOMER DRAWING	DRAWING NO C-1236089		RESTRICTED TO -
			SCALE 2:1	SHEET 5 OF 6	REV E

4

3

2

1

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RELEASED FOR PUBLICATION

20

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LOC

DIST

REVISIONS

F

00

P

LTR

DESCRIPTION

DATE

DWN

APVD

1

THIS CONNECTOR MEETS THE REQUIREMENTS OF MIL-DTL-24308

2

PART NUMBER FOR ORDERING

3- MATERIALS :

SHELL : STEEL,CD PLATED

HOUSING : PBT,GLASS FILLED,UL94VO

RETAINING CLIP : STAINLESS STEEL

GROMMET : FLUOROSILICONE ELASTOMER

CONTACT:COPPER ALLOY,GOLD PLATED OVER NICKEL

4- CABLES EXTERNAL DIAMETER FOR CONTACTS #20 : Ø0.85 to Ø1.83

CABLES EXTERNAL DIAMETER FOR CONTACTS #22 : Ø1.37 MAX

5- CONNECTOR MARKING:

. MANUFACTURER IDENTIFICATION

. PART NUMBER

. DATE-CODE

6- INSERT ARRANGEMENT PER MIL-DTL-24308

7- FOR CONTACT CRIMPING INSTRUCTION SHEET REFER TO SPEC IS 7516

FOR CONTACT INSTALATION/ REMOVAL INSTRUCTION SHEET REFER TO SPEC IS 7508

8- #20 SOCKET CRIMP CONTACT P/N: 205090-1

#20 PIN CRIMP CONTACT P/N: 205089-1

#22D SOCKET CRIMP CONTACT P/N: 204351-1

#22D PIN CRIMP CONTACT P/N: 204370-2

9- INSERTION/EXTRACTION TOOL P/N: 91067-2

INSERTION/EXTRACTION TOOL P/N: 91067-1

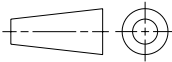
10- CRIMP WITH HAND TOOL: 601966-1+ DIE INSERT : 601966-4

CRIMP WITH HAND TOOL: M22520/02-01 + POSITIONNER : M22520/02-06

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.5

1 PLC ±0.1

2 PLC ±0.02

3 PLC ±0.005

4 PLC ±0.005

ANGLES ±0.30°

MATERIAL NOTE 3

FINISH NOTE 4

DWN J. THUEZ 29MAY2009

CHK Y. PETRONIN 03JUN2009

APVD Y. PETRONIN 03JUN2009

PRODUCT SPEC -

APPLICATION SPEC NOTE 7

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME SUB D PLUG WITH WIRE BUSHING MDP TYPE

SIZE A3

CAGE CODE 00779

DRAWING NO C-1236089

RESTRICTED TO -

SCALE 2:1

SHEET 6 OF 6

REV E

1470-19 (3/11)

Mouser Electronics

Authorized Distributor

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