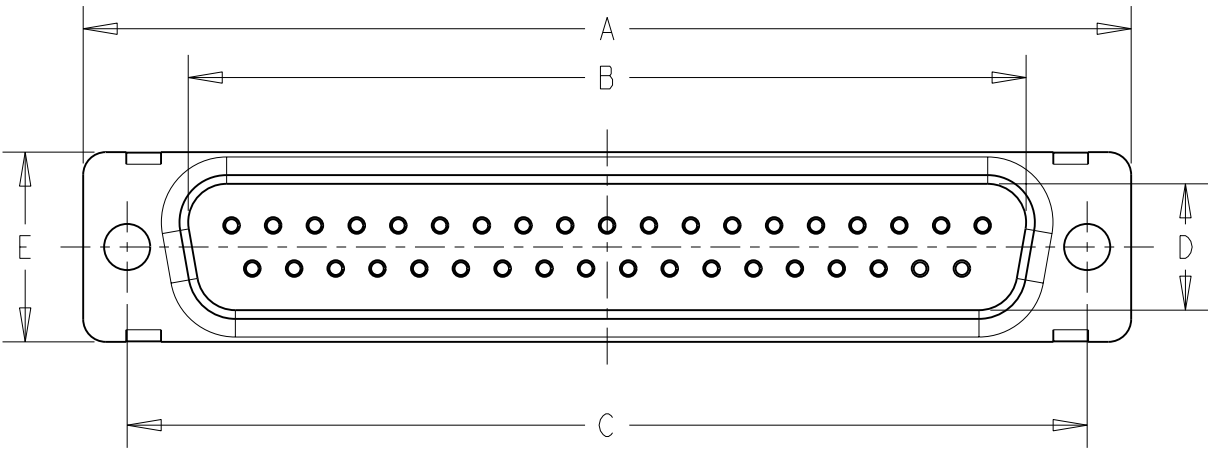
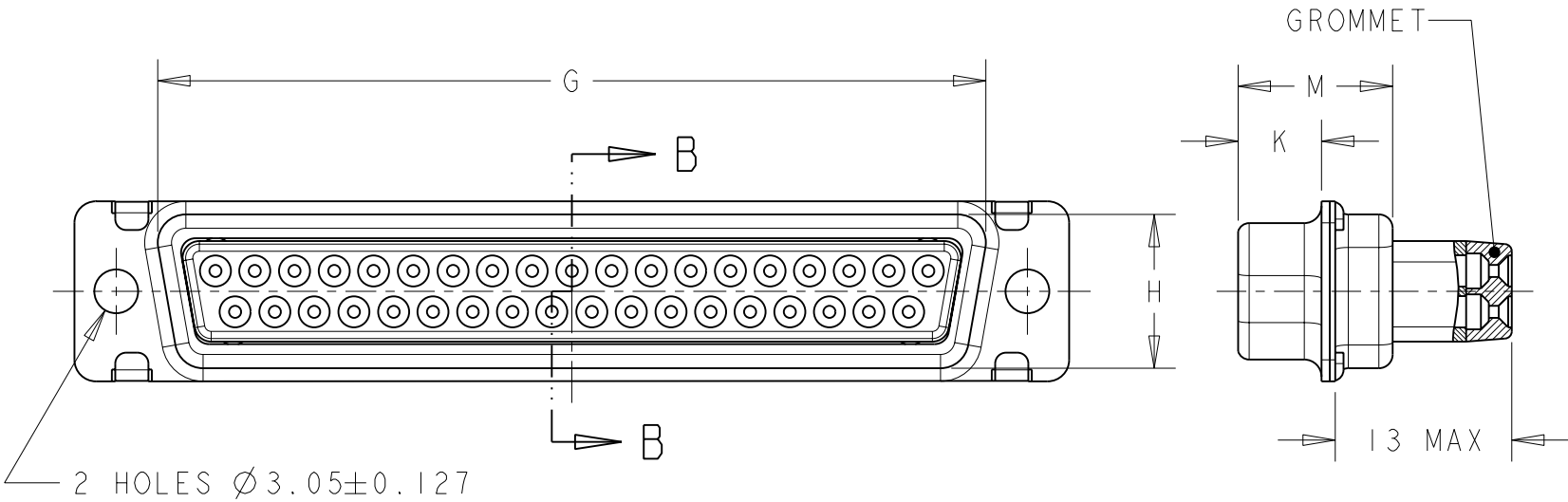


LOC		DIST		REVISIONS					
F		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					E	13 WAS 11.9 MAX. UPDATE NOTE 5 AND FORMAT	24OCT2011	JT	YP

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 -

TE Connectivity

SUB D PLUG
WITH WIRE BUSHING
MDP TYPE

SIZE A3
CAGE CODE 00779
DRAWING NO C-1236089

RESTRICTED TO -

CUSTOMER DRAWING

SCALE 2:1

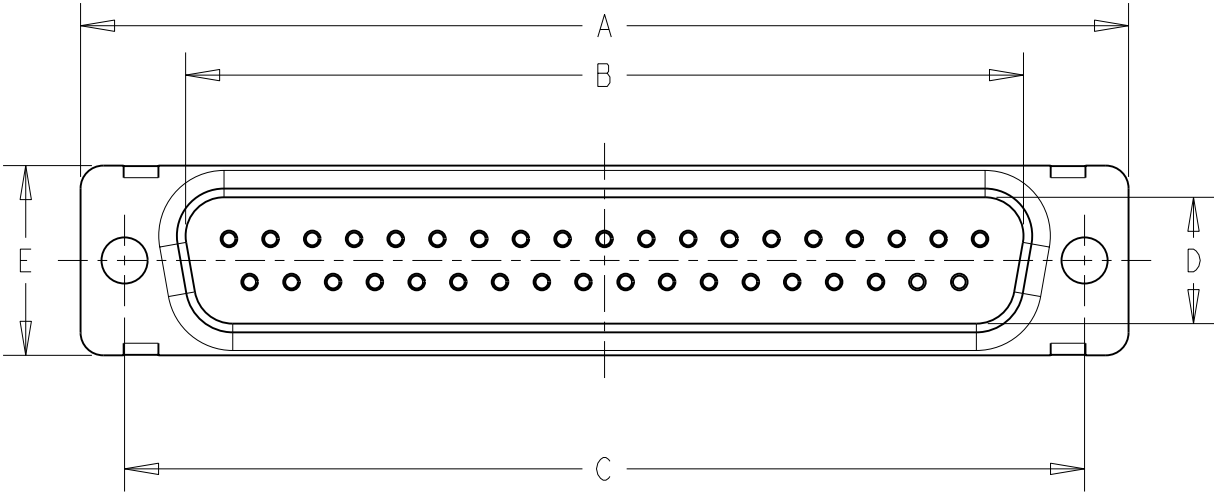
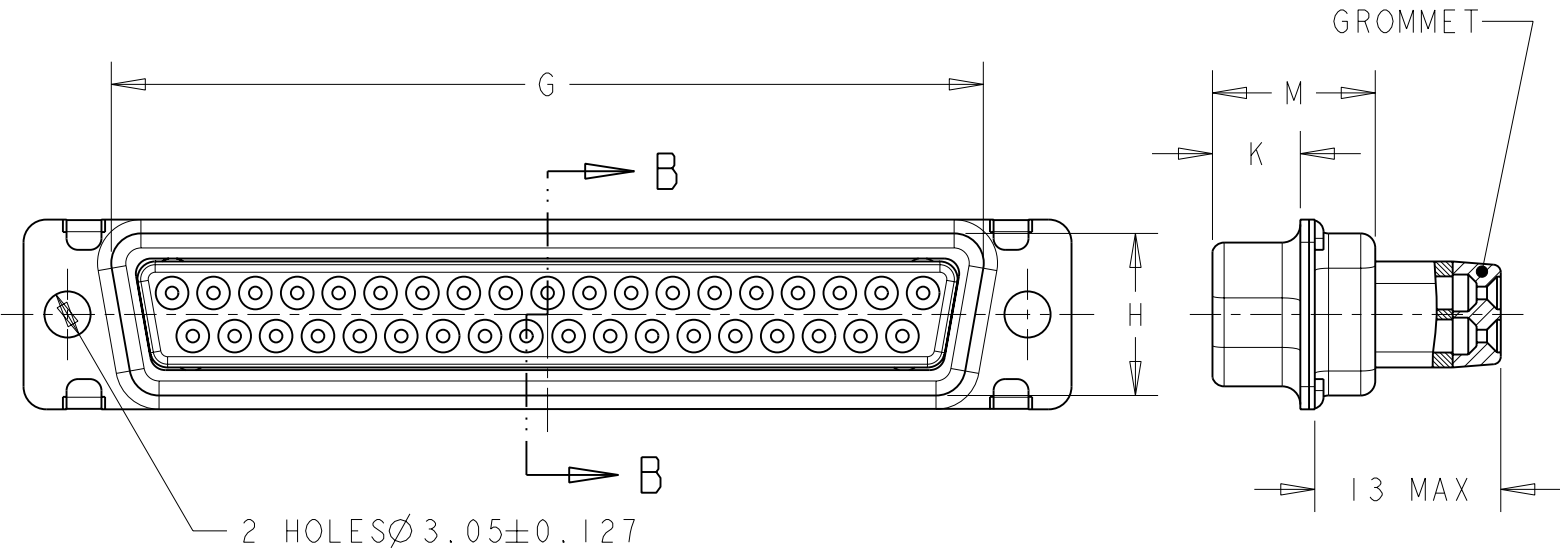
SHEET 1 OF 6

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

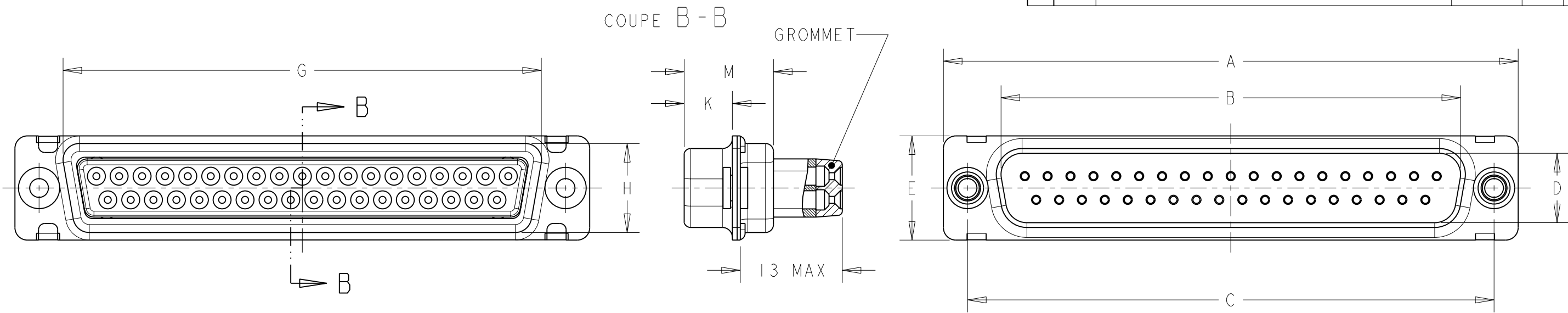
SUB D PLUG
WITH WIRE BUSHING
MDP TYPE

SIZE A3 CAGE CODE 00779 DRAWING NO C-1236089

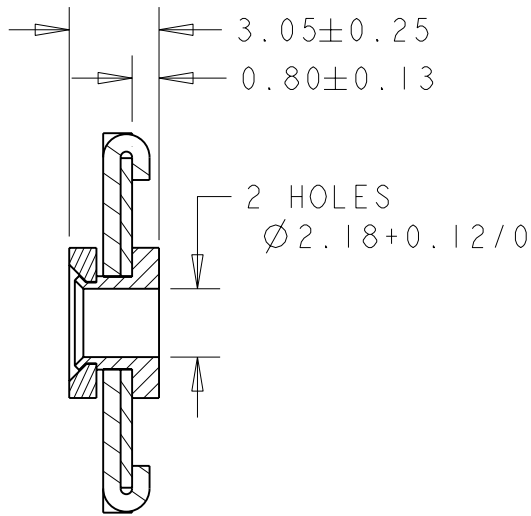
RESTRICTED TO -

CUSTOMER DRAWINGSCALE 2:1SHEET 2 OF 6REV E

PLUG TYPE MDP



COUPE A - A
ECHELLE 4:1



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 2
												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 29MAY2009
CHK Y. PETRONIN 03JUN2009
APVD Y. PETRONIN 03JUN2009
PRODUCT SPEC 1
APPLICATION SPEC NOTE 7
WEIGHT -

TE Connectivity

SUB D PLUG
WITH WIRE BUSHING
MDP TYPE

SIZE A3
CAGE CODE 00779
DRAWING NO C-1236089

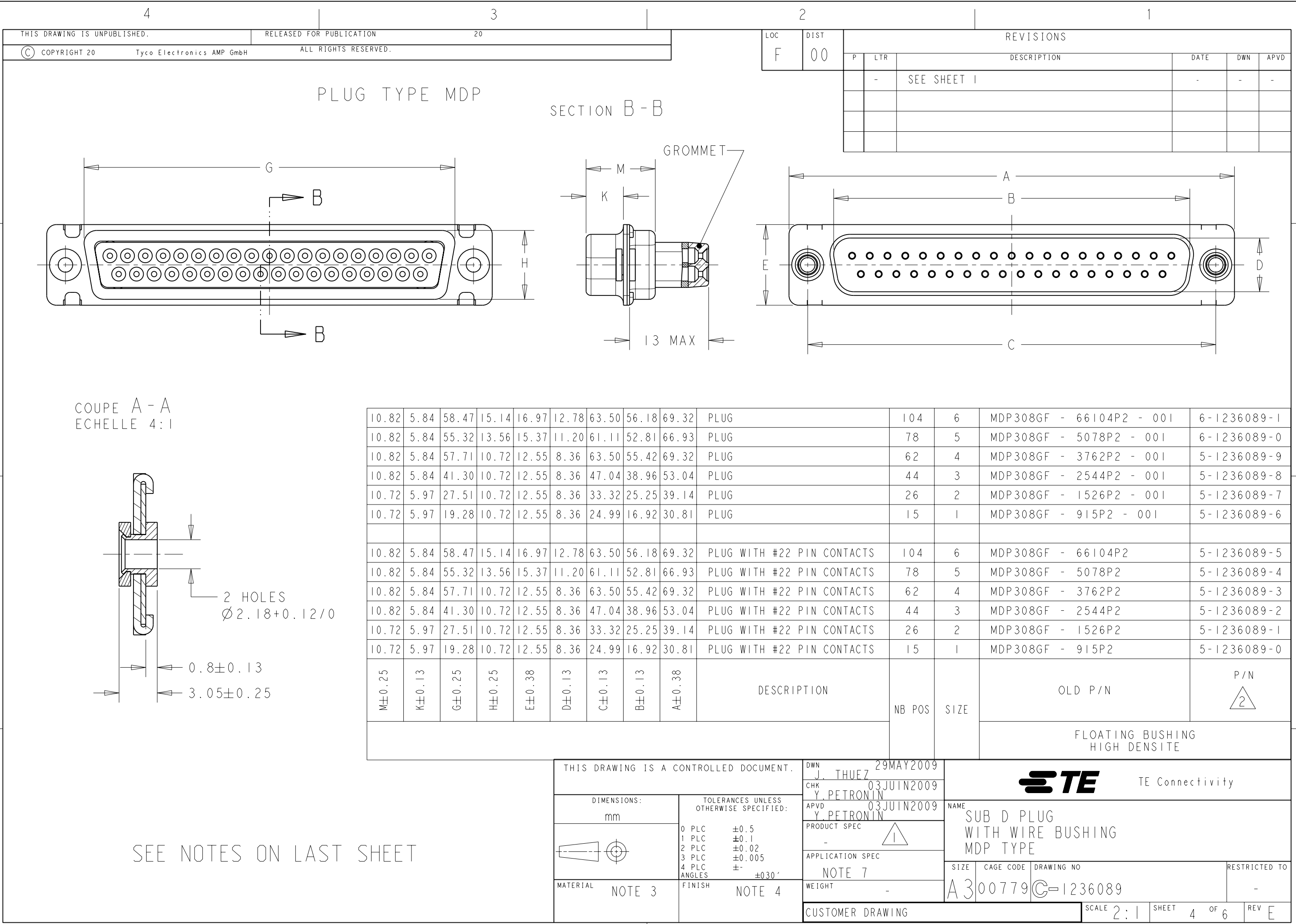
RESTRICTED TO -

CUSTOMER DRAWING

SCALE 2:1

SHEET 3 OF 6

REV E



4

3

2

1

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LOC

F

DIST

00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

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

CHK Y. PETRONIN 03JUN2009

APVD Y. PETRONIN 03JUN2009

PRODUCT SPEC

APPLICATION SPEC

NOTE 7

WEIGHT

CUSTOMER DRAWING

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.5

1 PLC ±0.1

2 PLC ±0.02

3 PLC ±0.005

4 PLC ANGLES ±°30'

MATERIAL NOTE 3

FINISH NOTE 4

TE Connectivity

SUB D PLUG WITH WIRE BUSHING MDP TYPE

SIZE A3

CAGE CODE 00779

DRAWING NO C-1236089

RESTRICTED TO

SCALE 2:1

SHEET 5 OF 6

REV E

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

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

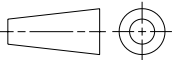
7- FOR CONTACT CRIMPING INSTRUCTION SHEET REFER TO SPEC IS 7516
FOR CONTACT INSTALATION/ REMOVAL INSTRUCTION SHEET REFER TO SPEC IS 7508

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.		DWN J. THUEZ	29MAY2009	 TE Connectivity	
		CHK Y. PETRONIN	03JUN2009		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME SUB D PLUG WITH WIRE BUSHING MDP TYPE	
		0 PLC ±0.5 1 PLC ±0.1 2 PLC ±0.02 3 PLC ±0.005 4 PLC ± ANGLES ±0.30°		APVD Y. PETRONIN 03JUN2009	
		MATERIAL NOTE 3		FINISH NOTE 4	
		PRODUCT SPEC -		RESTRICTED TO -	
		APPLICATION SPEC NOTE 7		SIZE A3	
		WEIGHT -		CAGE CODE 00779	
		CUSTOMER DRAWING		DRAWING NO C-1236089	
				SCALE 2:1	
				SHEET 6 OF 6	
				REV E	

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[3-1236089-6](#)