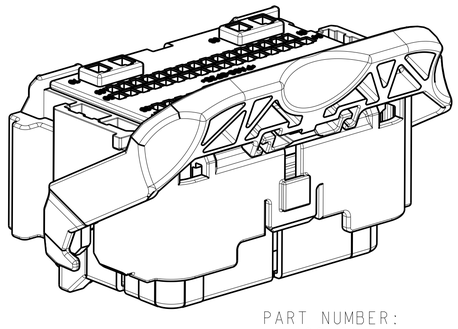
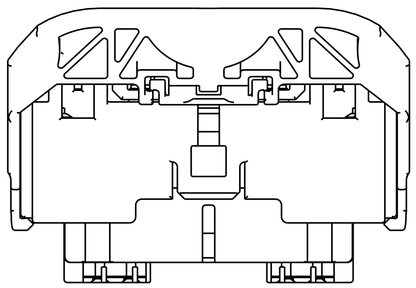
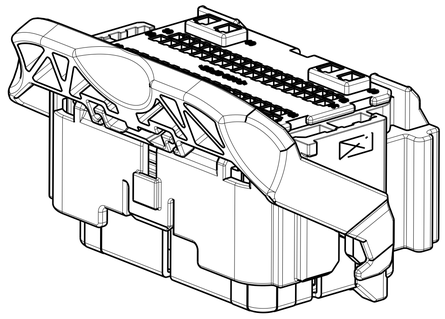
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	G45	REVISED PER ECO-13-011449	16JUL2013	DLD	DCM
	G46	REVISED PER ECO-14-007153	19MAY2014	DLD	DCM
	G47	REVISED PER ECO-14-014965	09OCT2013	DLD	DCM

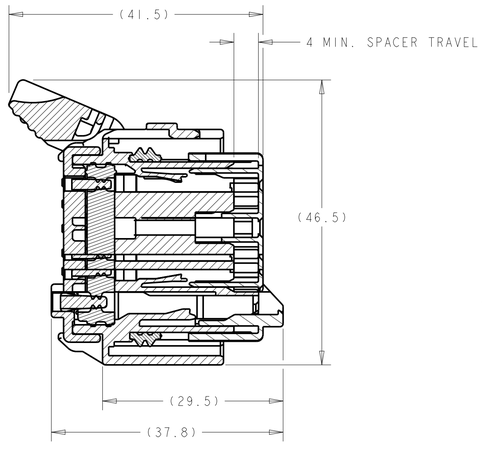


PART NUMBER:
1438136-1
SHOWN WITH SPACER
IN SEATED POSTION

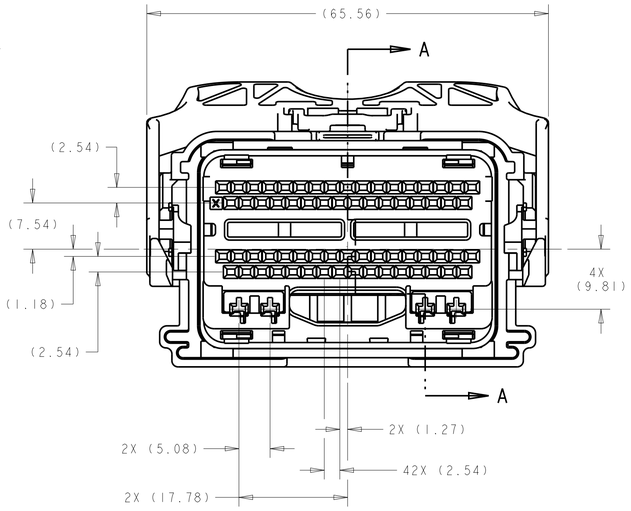


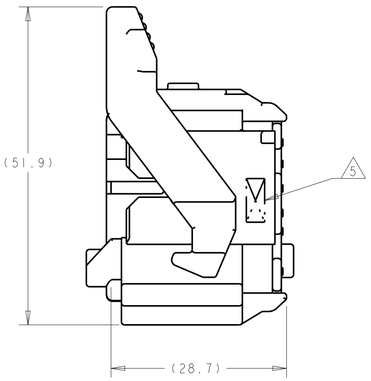


1. PRINT FORD PART NUMBER (SEE ATTACHED CHARTS) AND TRACEBILITY CODE (YY = 2 DIGIT YEAR, JJJ = JULIAN DATE, HH = 2 DIGIT MILITARY HOUR) IN THIS LOCATION AT ASSEMBLY. SEE SHEETS 3, 4 AND 5 (-*) PART NUMBERS.
2. APPLICABLE MOLEX (1.5) POWER TERMINAL PART NUMBERS:
   33012-0002 TIN 0.50-1.50mm^2
3. CAM LEVER AND SPACER ARE SHIPPED IN THEIR PRE-ASSEMBLED POSITIONS.
4. REFERENCE TE INSTRUCTION SHEET 408-8893.
5. COMPANY LOGO.

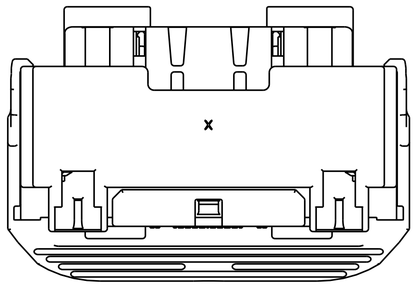


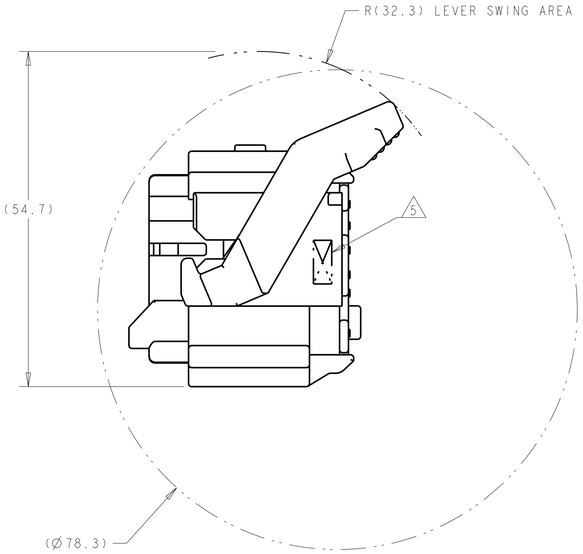
SECTION A-A
SPACER AND LEVER
IN PRE-SEATED POSITION
(DELIVERY POSITION)





SHOWN WITH CAM
LEVER AND SPACER
IN LOADED POSTION





MIN. FEED THRU CONDITION
WITH 1mm CLEARANCE ALL AROUND
SHOWN WITH SPACER IN SEATED POSTION

APPLICABLE COMPONENTS (FOR REFERENCE ONLY)

DESCRIPTION	NOMINAL TERMINAL SIZE	COLOR\ PLATING	FORD COMPONENT PART NUMBER	SUPPLIER PART NUMBER	MATERIAL/SPECIFICATION NUMBER	SAE WIRE SIZE
TERMINAL - FEMALE (Ag)	0.64 (CAT. 0)	SILVER	7S4T-14474-AA	1393366-2	COPPER ALLOY/SILVER PLATE	20AWG
						18AWG
TERMINAL - FEMALE (Ag)	0.64 (CAT. 0)	SILVER	7S4T-14474-BA	1393367-2	COPPER ALLOY/SILVER PLATE	22AWG
TERMINAL - FEMALE (Sn)	0.64 (CAT. 0)	TIN	1L2T-14474-AA	1393366-1	COPPER ALLOY/TIN PLATE	20AWG
						18AWG
TERMINAL - FEMALE (Sn)	0.64 (CAT. 0)	TIN	1L2T-14474-BA	1393367-1	COPPER ALLOY/TIN PLATE	22AWG
TERMINAL - FEMALE (Au)	0.64 (CAT. 0)	GOLD	1L2T-14474-CA	1393365-1	COPPER ALLOY/GOLD PLATE	20AWG
						18AWG
TERMINAL - FEMALE (Au)	0.64 (CAT. 0)	GOLD	1L2T-14474-DA	1393364-1	COPPER ALLOY/GOLD PLATE	22AWG

SEE SHEETS 3 THRU 7

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.3
2 PLC ±0.10
3 PLC ±-
4 PLC ±-
ANGLES ±1°

MATERIAL -
FINISH -

DWN R. VESTAL 15APR2005
CHK T. VALASEK 15APR2005
APVD T. VALASEK 15APR2005
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME 70-WAY HARNESS ASSEMBLY

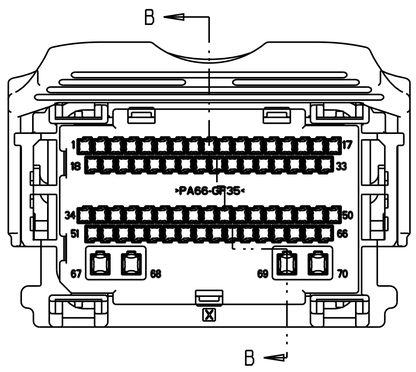
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1438136	-

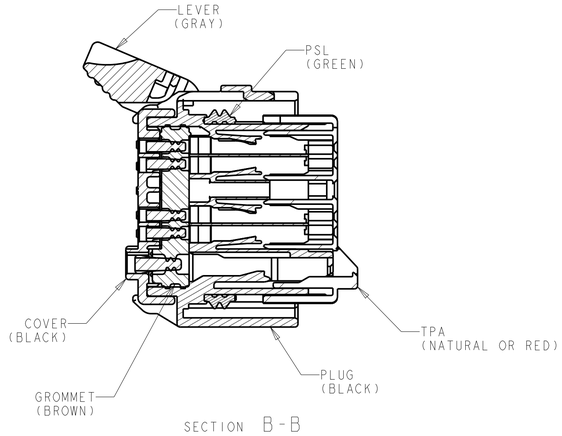
CUSTOMER DRAWING SCALE 2:1 SHEET 1 OF 11 REV G47

4805 (3/13)

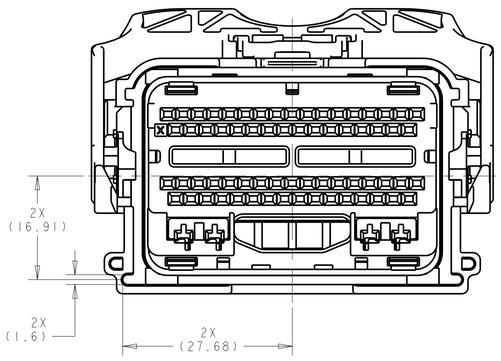
REVISIONS

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

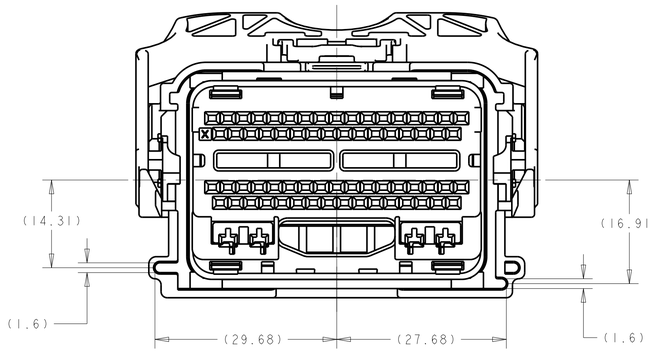




SECTION B-B



KEYING OPTION "A"



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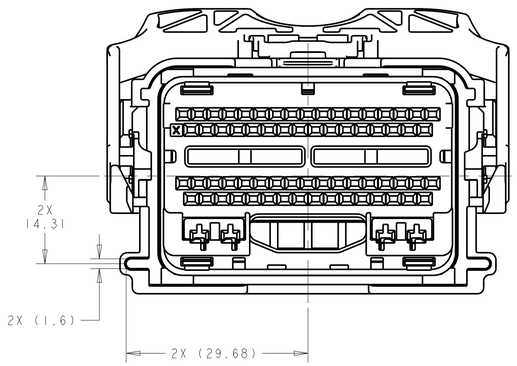

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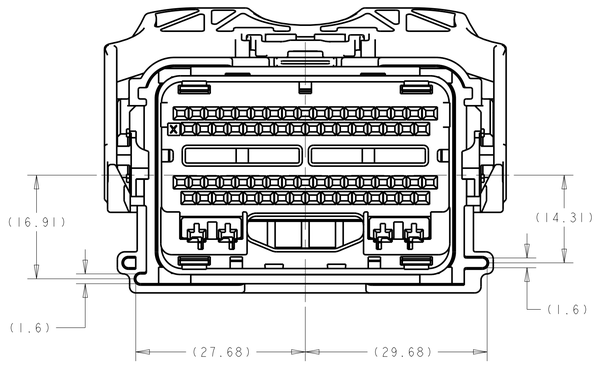

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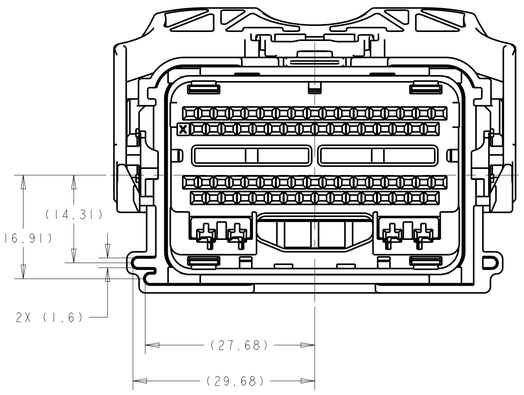

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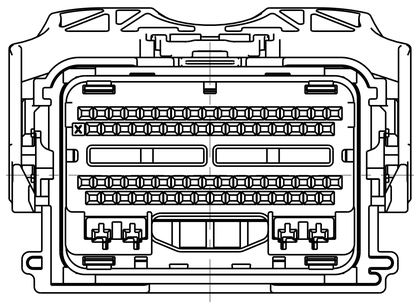

KEYING OPTION "F"

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.3
2 PLC ±0.10
3 PLC ±-
4 PLC ±-
ANGLES ±1°

MATERIAL - -

FINISH - -

DWN R. VESTAL 15APR2005
CHK T. VALASEK 15APR2005
APVD T. VALASEK 15APR2005

TE Connectivity

NAME 70-WAY HARNESS ASSEMBLY

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1438136	-

CUSTOMER DRAWING | SCALE 2:1 | SHEET 2 OF 11 | REV G47

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

KEYING OPTION A

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CAVITIES WITH A NUMERIC SYMBOL INDICATES CLOSED TERMINAL LOCATIONS							64	63	62						56													42		40	39						33						26	25		23	22	21	20	19	18					13					8	7	6	5	4	3	2	1	1438136-9	5L3T-14A464-DA-003
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BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATIONS			68	67											56						50						44	43	42		40	39								31	30			27	26	25			22			19	18					13					8	7	6	5	4	3	2	1	1438136-7	5L3T-14A464-DA-001
																																																																								1438136-1	5L3T-14A464-DA-000
TERMINAL HOLE POSITION	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	ASSEMBLY PART NUMBER	FORD PART NUMBER

5L3T-14A464-D* PIN-OUT CHART

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.3
2 PLC ±0.10
3 PLC ±-
4 PLC ±-
ANGLES ±1°

MATERIAL - -
FINISH - -

DWN R. VESTAL 15APR2005
CHK T. VALASEK 15APR2005
APVD T. VALASEK 15APR2005
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME 70-WAY HARNESS ASSEMBLY

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-1438136 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 2:1 | SHEET 3 OF 11 | REV G47

8	7	6	5	4	3	2	1

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

D

C

B

A

5L3T-14A464-D* PIN-OUT CHART

KEYING OPTION A																																																																								
	70	69	68	67		65		63	62	61	60	59			56					51	50	49	48	47	46	45	44	43	42		40				36		34	33		31	30	29	28	27	26	25	24	23	22	21	20		18	17	16	15	14	13	12	11	10	9	8	7	6	5					9-2035383-9	5L3T-14A464-DA-080
		69			66	65	64	63	62	61	60	59	58	57	56	55	54	53	52																		34	33	32	31	30			27	26	25	24				20			17	16				12				8				4	3			9-2035383-5	5L3T-14A464-DA-079
	70	69			66	65	64	63	62	61	60	59	58		56	55	54	53		51	50	49	48		46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22		20	19	18	17	16	15			12	11	10	9		7	6	5	4	3	2	1	9-2035383-3	5L3T-14A464-DA-078
						65																									40		38		36	35				31	30								22	21	20			17	16	15	14		12	11		9	8	7	6						1-2035383-4	5L3T-14A464-DA-077
							64	63	62						56						50							43	42		40	39						33						27						21	20		18					13					8		6				2		1-2035383-0	5L3T-14A464-DA-076
			68	67		65	64								56						50						44	43	42		40	39						33		31	30			27			24	23			20		18					13					8				4	3	2	1	2035383-8	5L3T-14A464-DA-075
			68	67			64	63	62					57							50	49	48				44	43	42		40							33	32	31	30			27			24			21	20	19	18																2		2035383-2	5L3T-14A464-DA-074
			68	67			64	63			60			57			54	53	52		50	49	48		46	45		43	42		40		38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19				15	14	13	12		10	9	8		6	5	4	3		1	7-1456659-1	5L3T-14A464-DA-073
						65	64	63	62						56													43	42		40	39						33						27				23		21			18					13					8			5	4		2	1	5-1456659-9	5L3T-14A464-DA-072
							64	63	62					57	56	55					50							43	42			39	38						32					27		25			22	21	20	19	18				14					9	8	7	6	5			2	1	5-1456659-8	5L3T-14A464-DA-071
			68	67				63	62												50						44	43	42		40							33						27						21	20		18												6				2		5-1456659-7	5L3T-14A464-DA-070
							64	63	62						56						50							43	42		40	39						33						27						21	20		18					13					8		6						5-1456659-6	5L3T-14A464-DA-069
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						65	64	63	62					57	56	55					50							43				39	38					33	32					27	26	25			22	21	20	19	18				14	13				9	8	7	6	5	4	3			4-1456659-9	5L3T-14A464-DA-067
						65	64	63	62					57	56	55					50							43				39	38					33	32			29	28	27	26	25			22								14	13				9	8					3			4-1456659-8	5L3T-14A464-DA-066
						65													52				48	47							40		38		36	35			32	31	30	29							22	21	20		18	17	16	15	14	13	12	11		9	8	7	6						4-1456659-7	5L3T-14A464-DA-065
			68	67			64	63	62					57							50	49	48				44	43	42		40							33	32	31	30			27			24			21	20	19	18																		3-1456659-8	5L3T-14A464-DA-064
			68	67					62	61								53	52			49						43						37	36				32		30	29	28						22				18		16		14	13			10	9	8								3-1456659-4	5L3T-14A464-DA-063
						65												53	52				48	47	46	45	44						38	37						31	30	29	28	27	26	25	24	23	22	21	20		18					13			10			7	6						3-1456659-1	5L3T-14A464-DA-062
			68	67		65	64								56						50						44	43	42		40	39						33		31	30			27				23			20		18					13					8	7		5			2	1	2-1456659-9	5L3T-14A464-DA-061
							64	63	62						56														42		40	39						33						27			24			21	20		18					13					8	7							2-1456659-0	5L3T-14A464-DA-060
			68	67		65		63	62												50						44	43	42		40							33						27	26	25	24	23	22	21	20		18											7	6		4	3	2	1	1-1456659-9	5L3T-14A464-DA-059
CAVITIES WITH A NUMERIC SYMBOL INDICATES CLOSED TERMINAL LOCATIONS			68	67			64	63	62												50						44	43	42		40							33						27			24			21	20		18											7					2		1-1456659-8	5L3T-14A464-DA-058
			68	67																	50						44	43	42		40							33	32					27			24	23			20	19	18																		1456659-3	5L3T-14A464-DA-057
BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATIONS						65	64								56						50						44	43	42		40	39						33		31	30			27				23			20		18					13					8	7		5			2	1	9-1438136-9	5L3T-14A464-DA-056
						65	64	63	62						56														42		40	39						33						27				23		21	20		18					13					8	7				3	2	1	9-1438136-8	5L3T-14A464-DA-055
TERMINAL HOLE POSITION	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	ASSEMBLY PART NUMBER	FORD PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN R. VESTAL 15APR2005 CHK T. VALASEK 15APR2005 APVD T. VALASEK 15APR2005	TE Connectivity	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±- 4 PLC ±- ANGLES ±1°	PRODUCT SPEC - APPLICATION SPEC - WEIGHT -	NAME 70-WAY HARNESS ASSEMBLY
MATERIAL - -	FINISH - -	CUSTOMER DRAWING	SIZE A1 CAGE CODE 00779 DRAWING NO C-1438136 RESTRICTED TO - SCALE 2:1 SHEET 4 OF 11 REV G47

4805 (3/13)

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

KEYING OPTION B

TERMINAL HOLE POSITION	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	ASSEMBLY PART NUMBER	FORD PART NUMBER
								63			60											49				45					40	39	38		36				32	31							24				20	19		17		15	14	13	12	11	10				6	5	4			1	2035383-4	5L3T-14A464-EA-047
								63			60											49				45					40	39	38		36				32	31							24				20	19		17	16	15	14	13	12	11	10				6	5	4			1	2035383-3	5L3T-14A464-EA-046
		69	68		66	65	64					59				55	54	53	52	51	50	49	48	47								39	38	37		35	34	33	32	31	30									21	20	19	18				14									5				1	7-1456659-0	5L3T-14A464-EA-045
	70																				50	49	48								40	39	38		36				32	31							24	23	22		20	19			16	15	14	13	12	11		9		7	6	5				1	5-1456659-0	5L3T-14A464-EA-044
								63			60											49				45					40	39	38		36				32	31							24				20	19			16	15	14	13	12	11	10				6	5	4			1	4-1456659-6	5L3T-14A464-EA-043
								63			60											49				45					40	39	38		36				32	31							24				20	19			16	15			12	11	10				6	5	4			1	4-1456659-0	5L3T-14A464-EA-042
							64				60											49							42	41									32	31															16	15	14	13	12			9	8		6	5	4			1	3-1456659-0	5L3T-14A464-EA-041
	70					65												53			50	49	48								40	39	38		36				32	31							24	23	22		20		18	17		15	14	13	12	11		9		7	6	5				1	2-1456659-4	5L3T-14A464-EA-040
	70																				50	49	48								40	39	38		36				32	31							24	23	22		20				16	15	14	13	12	11		9		7	6	5				1	2-1456659-3	5L3T-14A464-EA-039
	70					65																49	48								40	39	38		36				32	31							24	23	22		20		18	17		15	14	13	12	11		9		7	6	5					2-1456659-2	5L3T-14A464-EA-038
	70					65															50	49	48								40	39	38		36				32	31							24	23	22		20		18	17		15	14	13	12	11		9		7	6	5				1	2-1456659-1	5L3T-14A464-EA-037
																						49							42	41		39	38						32	31															16	15	14	13	12			9	8		6	5	4			1	1-1456659-7	5L3T-14A464-EA-036
											60											49				45					40	39	38		36				32	31							24				20	19				15	14	13	12	11	10				6	5	4			1	1-1456659-6	5L3T-14A464-EA-035
																						49							42	41																																9	8		6	5	4			1	1-1456659-5	5L3T-14A464-EA-034
							64				60											49							42	41		39	38																													9	8		6	5	4			1	1-1456659-4	5L3T-14A464-EA-033
																						49							42	41									32	31															16	15	14	13	12			9	8		6	5	4			1	1-1456659-3	5L3T-14A464-EA-032
	70					65												53				49	48								40	39	38		36			33	32	31							24	23	22		20	19	18	17		15	14	13	12	11		9		7	6	5				1	1-1456659-1	5L3T-14A464-EA-031
							64				60											49												37	36	35			32	31															16	15	14	13	12			9			6	5	4			1	1456659-7	5L3T-14A464-EA-030
								63			60											49				45					40	39	38		36				32	31							24				20	19				15	14	13	12	11	10				6	5	4			1	1456659-2	5L3T-14A464-EA-029
																						49						43	42	41																																9	8	7	6	5	4			1	8-1438136-7	5L3T-14A464-EA-028
							64				60											49						43	42	41		39	38																													9	8	7	6	5	4			1	8-1438136-6	5L3T-14A464-EA-027
																						49						43	42	41									32	31															16	15	14	13	12			9	8	7	6	5	4			1	8-1438136-5	5L3T-14A464-EA-026
								63			60											49				45					40	39	38		36	35			32	31							24				20	19				15	14	13	12	11	10				6	5	4			1	8-1438136-0	5L3T-14A464-EA-025
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							64				60											49												37	36	35			32	31							24							17	16	15	14	13	12			9			6	5	4			1	7-1438136-6	5L3T-14A464-EA-023
	70					65												53			50	49	48								40	39	38		36				32	31							24	23	22		20	19	18	17		15	14	13	12	11		9		7	6	5				1	7-1438136-0	5L3T-14A464-EA-022
											60											49				45					40	39	38		36	35			32	31							24				20	19				15	14	13	12	11	10				6	5	4			1	6-1438136-1	5L3T-14A464-EA-021
						65	64				60										50	49	48									39	38																		20				16	15	14	13	12	11	10	9	8	7	6	5	4			1	5-1438136-4	5L3T-14A464-EA-020
						65															50	49	48																												20									11	10	9	8	7	6	5	4			1	5-1438136-3	5L3T-14A464-EA-019
						65	64				60										50	49	48									39	38																		20									11	10	9	8	7	6	5	4			1	5-1438136-2	5L3T-14A464-EA-018
						65															50	49	48																32	31											20				16	15	14	13	12	11	10	9	8	7	6	5	4			1	5-1438136-1	5L3T-14A464-EA-017
	70																				50	49	48								40	39	38		36				32	31							24	23	22		20	19			16	15	14	13	12	11	10	9		7	6	5				1	5-1438136-0	5L3T-14A464-EA-016
	70					65															50	49	48								40	39	38		36				32	31							24	23	22		20	19	18	17		15	14	13	12	11	10	9		7	6	5				1	4-1438136-8	5L3T-14A464-EA-015
	70					65															50	49	48								40	39	38		36				32	31							24	23	22		20	19	18	17		15	14	13	12	11		9		7	6	5				1	4-1438136-7	5L3T-14A464-EA-014
	70					65																49	48								40	39	38		36				32	31							24	23	22		20	19	18	17		15	14	13	12	11	10	9		7	6	5					4-1438136-6	5L3T-14A464-EA-013
						65	64				60										50	49	48																32	31											20				16	15	14	13	12	11	10	9	8	7	6	5	4			1	4-1438136-5	5L3T-14A464-EA-012
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						65	64				60										50	49	48								40							33													20			17						11	10	9	8	7	6	5	4			1	2-1438136-8	5L3T-14A464-EA-009
						65	64				60										50	49	48								40	39	38					33	32	31											20			17	16	15	14	13	12	11	10	9	8	7	6	5	4			1	2-1438136-5	5L3T-14A464-EA-008
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						65	64				60										50	49	48								40	39	38					33	32	31											20			17	16	15	14	13	12	11	10	9	8	7	6	5	4			1	2-1438136-0	5L3T-14A464-EA-006
						65	64				60										50	49	48			45					40	39	38					33	32	31											20			17	16	15	14	13	12	11	10	9	8	7	6	5	4			1	1-1438136-9	5L3T-14A464-EA-005
						65	64				60										50	49	48			45					40	39	38					33													20			17						11	10	9	8	7	6	5	4			1	1-1438136-8	5L3T-14A464-EA-004
						65	64				60										50	49	48								40	39	38					33													20			17						11	10	9	8	7	6	5	4			1	1-1438136-7	5L3T-14A464-EA-003
						65	64				60										50	49	48								40	39	38					33																17						11	10	9	8	7	6	5					1-1438136-2	5L3T-14A464-EA-002
						65	64				60										50	49	48								40	39	38					33																17						11	10	9	8	7	6	5	4			1	1-1438136-1	5L3T-14A464-EA-001
																																																																							1438136-2	5L3T-14A464-EA-000

CAVITIES WITH A NUMERIC SYMBOL INDICATES CLOSED TERMINAL LOCATIONS

BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATIONS

5L3T-14A464-E* PIN-OUT CHART

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.3
2 PLC ±0.10
3 PLC ±-
4 PLC ±-
ANGLES ±1°

MATERIAL - -
FINISH - -

DWN R. VESTAL 15APR2005
CHK T. VALASEK 15APR2005
APVD T. VALASEK 15APR2005
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME 70-WAY HARNESS ASSEMBLY

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-1438136 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 2:1 | SHEET 5 OF 11 | REV G47

4805 (3/13)

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

KEYING OPTION C

	70				66	65					60	59			56			53	52				48	47	46	45	44						38	37						31	30	29	28			25	24		22	21	20	19	18						12		10	9	8	7	6	5					9-2035383-8	8U5T-14A464-AA-042
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	70				66	65					60	59			56			53	52				48	47	46	45	44						38							31	30	29	28			25	24		22	21	20	19	18						12		10	9	8	7	6	5					8-2035383-3	8U5T-14A464-AA-040
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CAVITIES WITH A NUMERIC SYMBOL INDICATES CLOSED TERMINAL LOCATIONS			68	67		65			62	61						55		53				49	48					43		41		39	38			35		33	32	31	30	29	28	27	26		24	23		21	20	19	18	17	16		14	13	12		10	9		7	6	5					9-1438136-7	8U5T-14A464-AA-003
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BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATIONS	70	69						63														49	48								40			37	36						30	29								21			18		16		14	13			10	9	8		6						9-1438136-3	8U5T-14A464-AA-001
																																																																							1438136-3	8U5T-14A464-AA-000
TERMINAL HOLE POSITION	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	ASSEMBLY PART NUMBER	FORD PART NUMBER

8U5T-14A464-A* PIN-OUT CHART

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.3
2 PLC ±0.10
3 PLC ±-
4 PLC ±-
ANGLES ±1°

MATERIAL - -
FINISH - -

DWN R. VESTAL 15APR2005
CHK T. VALASEK 15APR2005
APVD T. VALASEK 15APR2005
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME 70-WAY HARNESS ASSEMBLY

SIZE A1 CAGE CODE 00779 DRAWING NO C-1438136 RESTRICTED TO -

CUSTOMER DRAWING SCALE 2:1 SHEET 6 OF 11 REV G47

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

KEYING OPTION D

TERMINAL HOLE POSITION	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	ASSEMBLY PART NUMBER	FORD PART NUMBER
													57		55				51		49						43									36	35		33			30			27		25	24	23	22					18	17		15				11	10	9	8		6			3	2	1	3-2035383-0	8U5T-14A464-BA-056
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													57		55	54	53	52	51		49														37					33	32	31	30			27		25	24	23	22				19		17	16	15			12			9		7		5				1	4-1456659-1	8U5T-14A464-BA-014
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													57		55	54	53		51		49														37					33	32		30			27	26	25	24	23	22				19		17	16	15			12			9		7		5				1	2-1456659-6	8U5T-14A464-BA-011
													57		55	54			51		49						43					39			36	35		33			30			27	26	25	24	23	22						17		15				11		9	8		6	5		3	2	1	2-1456659-5	8U5T-14A464-BA-010
													57		55	54	53		51		49														37	36	35		33	32		30			27	26	25	24	23	22				19	18	17	16	15			12			9	8	7					3	2		1-1456659-2	8U5T-14A464-BA-009
													57	56	55	54			51		49											39			36	35		33						27	26	25	24	23	22					18	17						11	10	9	8		6	5		3			1456659-8	8U5T-14A464-BA-008
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											59		57	56	55	54			51		49						43					39			36	35		33						27	26	25	24		22					18	17							10	9	8		6	5		3			9-1438136-5	8U5T-14A464-BA-006
													57	56		54			51		49											39			36	35		33			30			27	26	25	24	23	22						17		15			12	11	10	9	8	7	6		4	3		1	9-1438136-2	8U5T-14A464-BA-005
													57	56		54		52	51		49											39			36	35		33		31	30			27	26	25	24	23	22						17		15			12	11	10	9	8	7	6		4	3	2	1	9-1438136-1	8U5T-14A464-BA-004
CAVITIES WITH A NUMERIC SYMBOL INDICATES CLOSED TERMINAL LOCATIONS													57	56		54			51		49											39			36	35		33			30			27	26	25	24	23	22						17		15			12	11	10	9	8	7	6	5		3		1	9-1438136-0	8U5T-14A464-BA-003
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BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATIONS													57	56		54	53		51		49											39		37	36	35	34	33			30			27	26	25	24	23	22					18	17	16	15	14		12	11	10	9	8	7	6		4	3		1	8-1438136-4	8U5T-14A464-BA-001
																																																																								1438136-4	8U5T-14A464-BA-000

8U5T-14A464-B* PIN-OUT CHART

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- ; 1 PLC ±0.3 ; 2 PLC ±0.10 ; 3 PLC ±- ; 4 PLC ±- ; ANGLES ±1°
MATERIAL - -	FINISH - -

DWN R. VESTAL	15APR2005	TE Connectivity
CHK T. VALASEK	15APR2005	
APVD T. VALASEK	15APR2005	NAME 70-WAY HARNESS ASSEMBLY
PRODUCT SPEC -		
APPLICATION SPEC -		SIZE A1 · CAGE CODE 00779 · DRAWING NO C-1438136 · RESTRICTED TO -
WEIGHT -		
CUSTOMER DRAWING		SCALE 2:1 · SHEET 7 OF 11 · REV G47

REVISIONS

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

KEYING OPTION D

9-2035383-7	8U5T-14A464-BA-107
9-2035383-4	8U5T-14A464-BA-106
9-2035383-2	8U5T-14A464-BA-105
9-2035383-0	8U5T-14A464-BA-104
8-2035383-9	8U5T-14A464-BA-103
8-2035383-8	8U5T-14A464-BA-102
8-2035383-7	8U5T-14A464-BA-101
8-2035383-6	8U5T-14A464-BA-100
8-2035383-5	8U5T-14A464-BA-099
8-2035383-4	8U5T-14A464-BA-098
8-2035383-2	8U5T-14A464-BA-097
8-2035383-1	8U5T-14A464-BA-096
8-2035383-0	8U5T-14A464-BA-095
7-2035383-9	8U5T-14A464-BA-094
7-2035383-8	8U5T-14A464-BA-093
7-2035383-6	8U5T-14A464-BA-092
7-2035383-5	8U5T-14A464-BA-091
7-2035383-4	8U5T-14A464-BA-090
7-2035383-3	8U5T-14A464-BA-089
7-2035383-2	8U5T-14A464-BA-088
7-2035383-1	8U5T-14A464-BA-087
7-2035383-0	8U5T-14A464-BA-086
6-2035383-9	8U5T-14A464-BA-085
6-2035383-8	8U5T-14A464-BA-084
6-2035383-7	8U5T-14A464-BA-083
6-2035383-6	8U5T-14A464-BA-082
6-2035383-4	8U5T-14A464-BA-081
6-2035383-3	8U5T-14A464-BA-080
6-2035383-2	8U5T-14A464-BA-079
6-2035383-1	8U5T-14A464-BA-078
5-2035383-9	8U5T-14A464-BA-077
5-2035383-7	8U5T-14A464-BA-076
5-2035383-6	8U5T-14A464-BA-075
5-2035383-5	8U5T-14A464-BA-074
5-2035383-4	8U5T-14A464-BA-073
5-2035383-1	8U5T-14A464-BA-072
5-2035383-0	8U5T-14A464-BA-071
4-2035383-8	8U5T-14A464-BA-070
4-2035383-7	8U5T-14A464-BA-069
4-2035383-6	8U5T-14A464-BA-068
4-2035383-5	8U5T-14A464-BA-067
4-2035383-2	8U5T-14A464-BA-066
4-2035383-1	8U5T-14A464-BA-065
4-2035383-0	8U5T-14A464-BA-064
3-2035383-8	8U5T-14A464-BA-063
3-2035383-7	8U5T-14A464-BA-062
3-2035383-5	8U5T-14A464-BA-061
3-2035383-4	8U5T-14A464-BA-060
3-2035383-3	8U5T-14A464-BA-059
3-2035383-2	8U5T-14A464-BA-058
3-2035383-1	8U5T-14A464-BA-057

CAVITIES WITH A NUMERIC SYMBOL INDICATES CLOSED TERMINAL LOCATIONS

BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATIONS

TERMINAL HOLE POSITION: 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

ASSEMBLY PART NUMBER

FORD PART NUMBER

8U5T-14A464-B* PIN-OUT CHART

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.3
2 PLC ±0.10
3 PLC ±-
4 PLC ±-
ANGLES ±1°

MATERIAL -

FINISH -

DWN R. VESTAL 15APR2005
CHK T. VALASEK 15APR2005
APVD T. VALASEK 15APR2005

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

TE Connectivity

NAME 70-WAY HARNESS ASSEMBLY

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1438136	-

CUSTOMER DRAWING

SCALE 2:1 SHEET 8 OF 11 REV G47

4805 (3/13)

REVISIONS

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

KEYING OPTION F

TERMINAL HOLE POSITION	ASSEMBLY PART NUMBER	FORD PART NUMBER
CAVITIES WITH A NUMERIC SYMBOL INDICATES CLOSED TERMINAL LOCATIONS	3-2035383-6	AU5T-14A464-CA-003
	2-2035383-8	AU5T-14A464-CA-002
BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATIONS	9-1456659-0	AU5T-14A464-CA-001
	1438136-6	AU5T-14A464-CA-000
70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1		

AU5T-14A464-C* PIN-OUT CHART

KEYING OPTION E

TERMINAL HOLE POSITION	ASSEMBLY PART NUMBER	FORD PART NUMBER
CAVITIES WITH A NUMERIC SYMBOL INDICATES CLOSED TERMINAL LOCATIONS	2138952-1	AU5T-14A464-UA-013
	9-2035383-6	AU5T-14A464-UA-012
	7-2035383-7	AU5T-14A464-UA-011
	5-2035383-2	AU5T-14A464-UA-010
	4-2035383-9	AU5T-14A464-UA-009
	4-2035383-4	AU5T-14A464-UA-008
	2-2035383-6	AU5T-14A464-UA-007
	2-2035383-2	AU5T-14A464-UA-006
	1-2035383-6	AU5T-14A464-UA-005
	9-1456659-7	AU5T-14A464-UA-004
	9-1456659-5	AU5T-14A464-UA-003
	9-1456659-4	AU5T-14A464-UA-002
BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATIONS	9-1456659-2	AU5T-14A464-UA-001
	1438136-5	AU5T-14A464-UA-000
70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1		

AU5T-14A464-U* PIN-OUT CHART

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.3
2 PLC ±0.10
3 PLC ±-
4 PLC ±-
ANGLES ±1°

MATERIAL -
FINISH -

DWN R. VESTAL 15APR2005
CHK T. VALASEK 15APR2005
APVD T. VALASEK 15APR2005

TE Connectivity

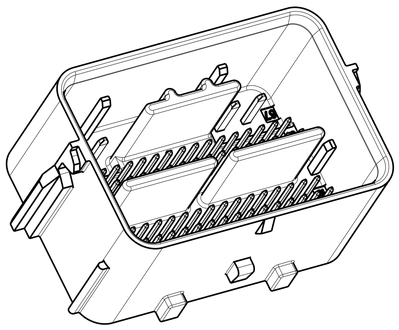
NAME 70-WAY HARNESS ASSEMBLY

PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

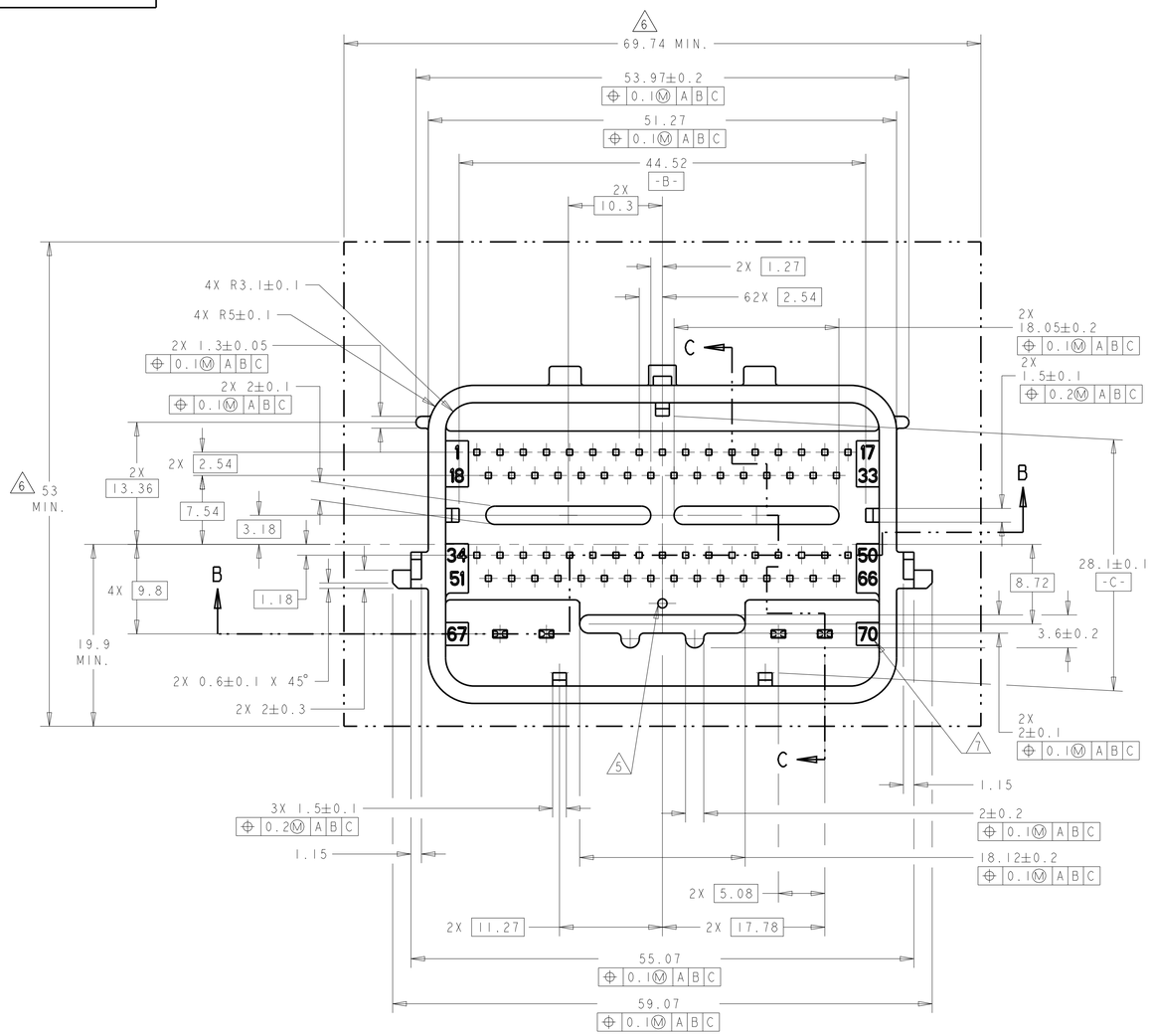
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1438136	-

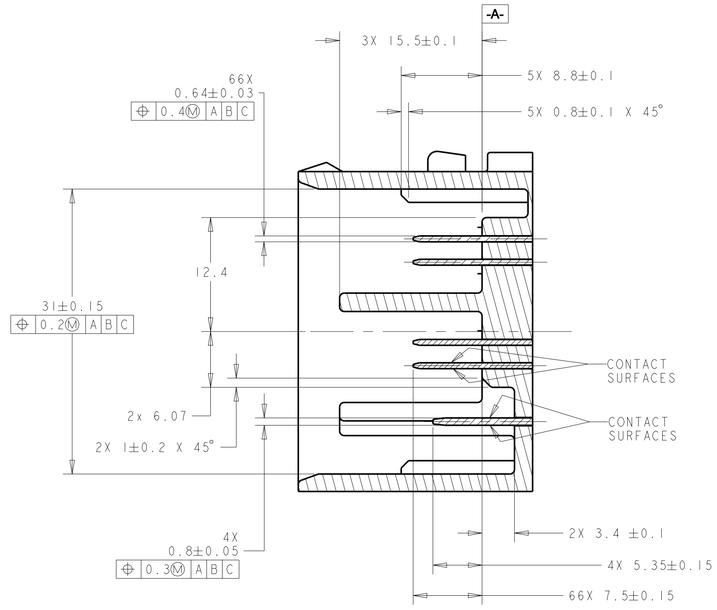
CUSTOMER DRAWING | SCALE 2:1 | SHEET 9 OF 11 | REV G47

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

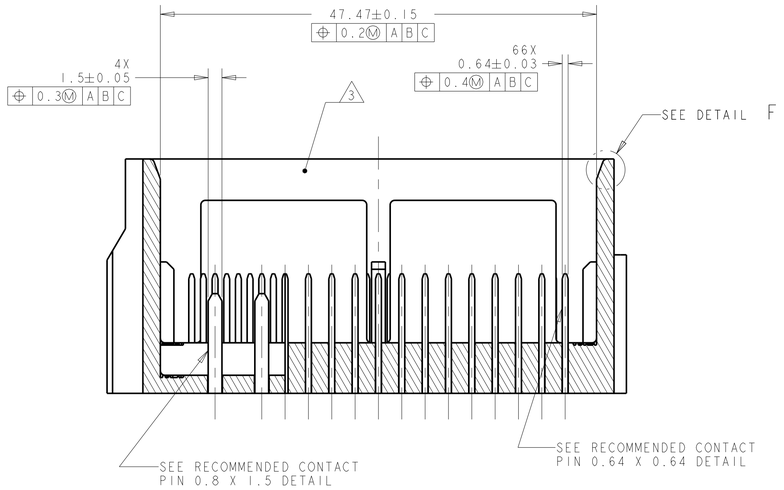


SCALE 2:1

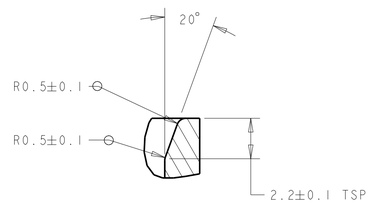




SECTION C-C



SECTION B-B



DETAIL F
SCALE 6:1

NOTES: UNLESS OTHERWISE SPECIFIED

1. GENERAL TOLERANCE:
   ±0.3 ALL ONE PLACE DIMENSIONS
   ±0.10 ALL TWO PLACE DIMENSIONS
   ±1°00′ ALL ANGULAR DIMENSIONS
2. DRAFT ANGLE PERMISSIBLE ONLY WITHIN DRAWING TOLERANCE.

3 SEALING SURFACE, NO WITNESS LINES OF DAMAGE PERMITTED.

4. ALL UNMARKED RADII TO BE 0.5 MAX., UNLESS OTHERWISE SPECIFIED

5 VENT HOLE SIZE AND LOCATION IS OPTIONAL.

6 THIS AREA TO REMAIN CLEAR FOR THE HARNESS ASSEMBLY.

7 TERMINAL POSITION INDENTIFICATION.

8. MATES WITH TYCO ELECTRONICS PART# 1438136-*

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.3
2 PLC ±0.10
3 PLC ±-
4 PLC ±-
ANGLES ±1°

MATERIAL -
FINISH -

DWN R. VESTAL 15APR2005
CHK T. VALASEK 15APR2005
APVD T. VALASEK 15APR2005
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME 70-WAY HARNESS ASSEMBLY

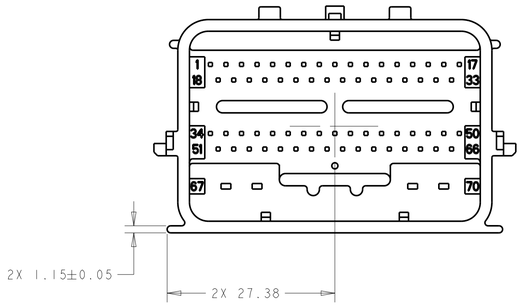
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-1438136	-

CUSTOMER DRAWING | SCALE 2:1 | SHEET 10 OF 11 | REV 647

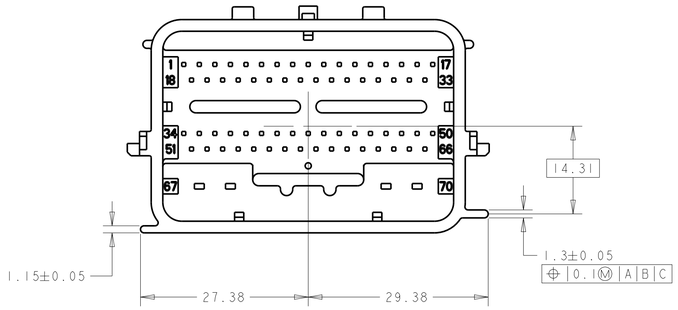
HEADER INTERFACE KEYING OPTIONS

REVISIONS

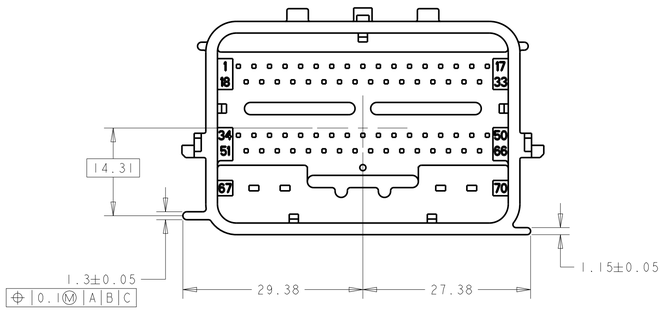
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



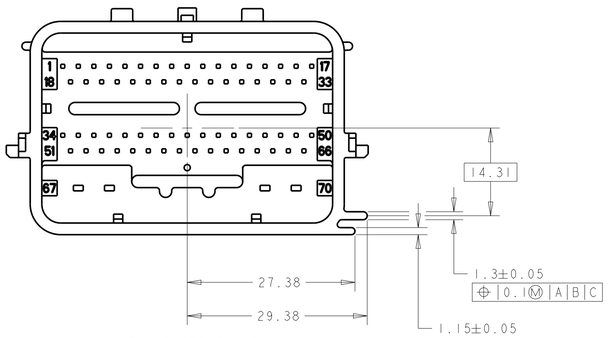
KEYING OPTION "A"
SCALE 2:1



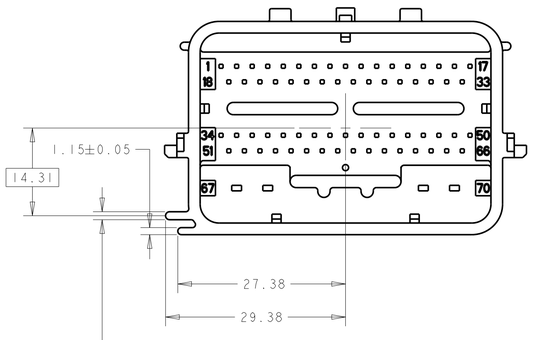
KEYING OPTION "B"
SCALE 2:1



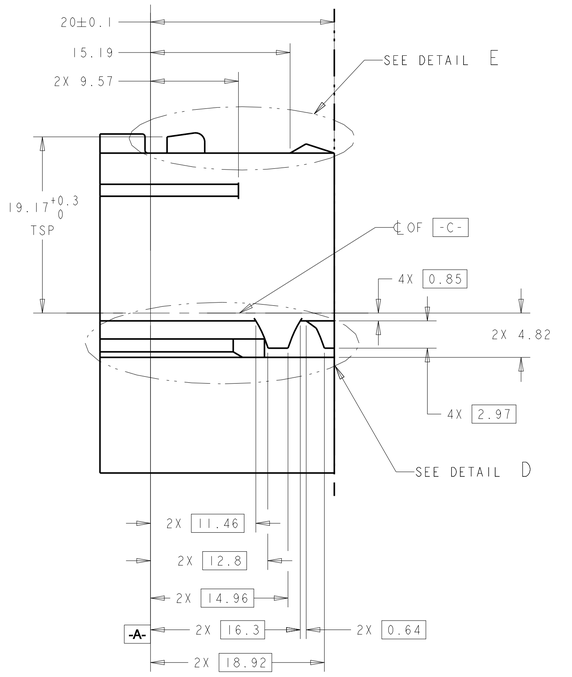
KEYING OPTION "D"
SCALE 2:1

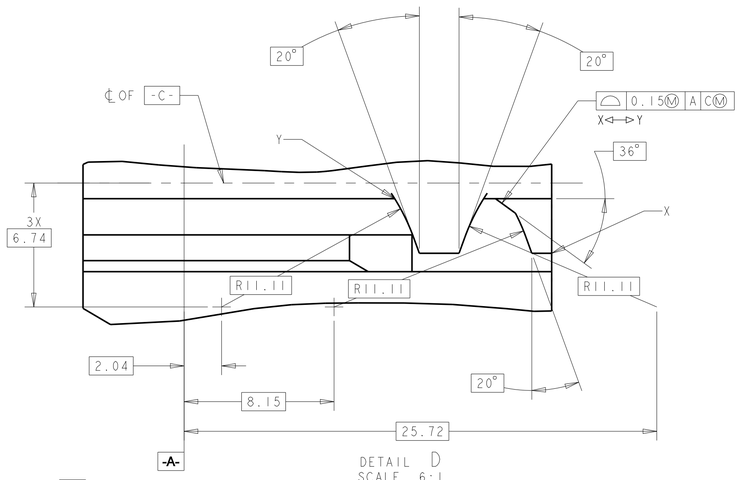


KEYING OPTION" E"
SCALE 2:1

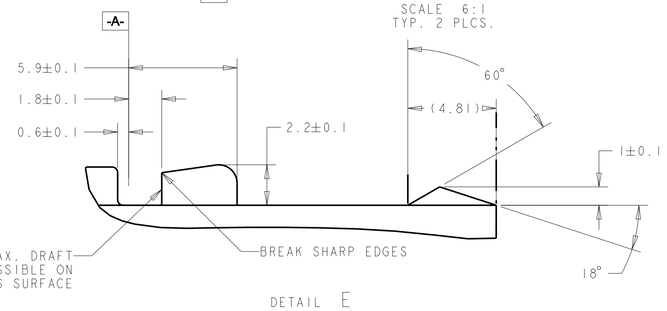


KEYING OPTION "F"
SCALE 2:1

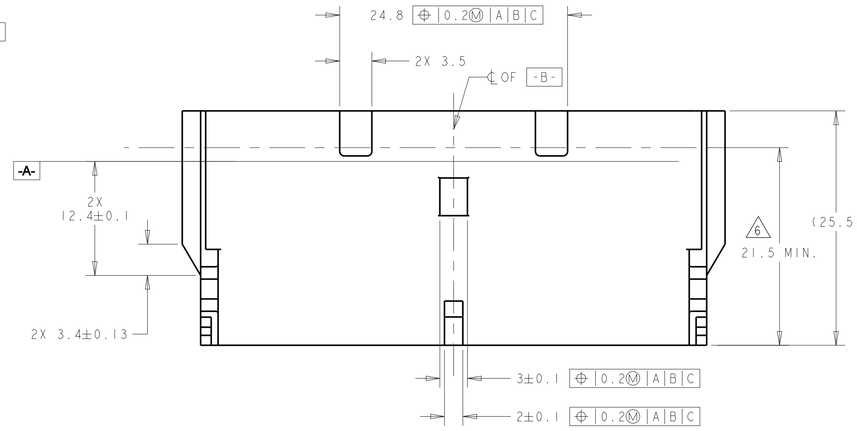




DETAIL D
SCALE 6:1
TYP. 2 PLCS.



DETAIL E
SCALE 6:1



THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN R. VESTAL 15APR2005	TE Connectivity	
DIMENSIONS: mm	CHK T. VALASEK 15APR2005	NAME 70-WAY HARNESS ASSEMBLY	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±- 4 PLC ±- ANGLES ±1°	APVD T. VALASEK 15APR2005	PRODUCT SPEC -	
		APPLICATION SPEC -	SIZE A1 / CAGE CODE 00779 / DRAWING NO C-1438136 / RESTRICTED TO -
MATERIAL - -	FINISH - -	WEIGHT -	
		CUSTOMER DRAWING	SCALE 2:1 / SHEET 11 OF 11 / REV G47

Mouser Electronics

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TE Connectivity:

1-2035383-2