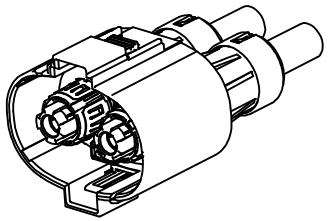
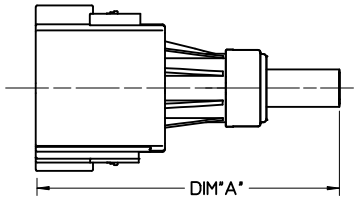
DOUBLE ENDED ASSEMBLY			SINGLE ENDED ASSEMBLY		
PART NUMBER	KEYING OPTION	DIM "A"	PART NUMBER	KEYING OPTION	DIM "A"
171466-2001	A	.50M±20.0MM	171466-1001	A	.50M±20.0MM
171466-2002	B		171466-1002	B	
171466-2011	A	1.0M±30.0MM	171466-1011	A	1.0M±30.0MM
171466-2012	B		171466-1012	B	
171466-2021	A	1.5M±40.0MM	171466-1021	A	1.5M±40.0MM
171466-2022	B		171466-1022	B	
171466-2031	A	2.0M±50.0MM	171466-1031	A	2.0M±50.0MM
171466-2032	B		171466-1032	B	
171466-2041	A	3.0M±50.0MM	171466-1041	A	3.0M±50.0MM
171466-2042	B		171466-1042	B	

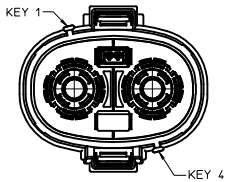


NOTES:

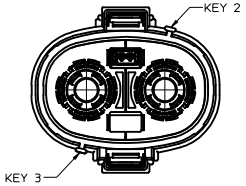
1. MATERIAL:
   MAIN HOUSING: PBT UV STABLIZED COLOR: ORANGE
   POWER TERMINALS: COPPER
   HVIL TERMINALS: COPPER ALLOY
2. FINISH:
   POWER TERMINALS: SILVER OVER NICKEL PLATING
   HVIL TERMINALS: TIN OVER NICKEL WITH SELECT GOLD PLATING
3. CABLE FOR POWER TERMINALS: CHAMPLAIN EXRAD-FXS 1/0X WITH EMI SHIELD
4. WIRE FOR HVIL TERMINALS: 18 GAGE TXL STRANDED WIRE
5. MATES WITH HEADER ASSEMBLY SERIES 171467-1***
6. PRODUCT SPECIFICATION: PS-171467-001
7. APPLICATION SPECIFICATION: AS-171467-001



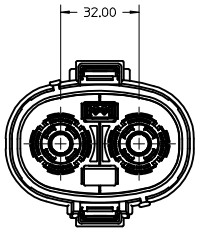
SINGLE ENDED HARNESS ASSEMBLY

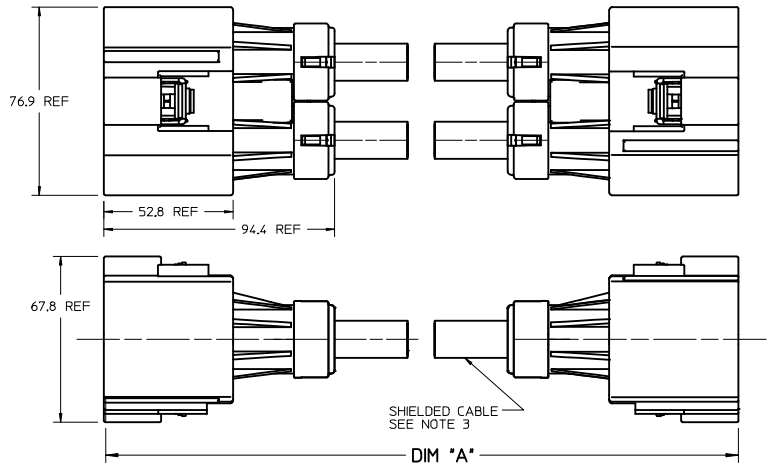


OPTION A
KEYING 1-4
MOLEX STANDARD
KEY VERSION



OPTION B
KEYING 2-3





DOUBLE ENDED HARNESS ASSEMBLY

USE OF THIS PRODUCT REQUIRES THAT APPROPRIATE HIGH VOLTAGE WARNING LABELS BE APPLIED TO THE CABLE ASSEMBLY AND/OR IN CLOSE PROXIMITY OF THE MATED CONNECTOR APPLICATION IN A MANNER THAT PROVIDES SUITABLE WARNING TO THE END USER AND MEETS APPLICABLE LAWS. IT IS THE RESPONSIBILITY OF THE OEM OR MANUFACTURER OF THE PRODUCT IN WHICH THIS CONNECTOR SYSTEM IS USED TO APPLY THE APPROPRIATE HIGH VOLTAGE WARNING LABEL(S) TO THE FINAL PRODUCT. TO THE EXTENT MOLEX IS NOT RESPONSIBLE FOR THE FINAL CABLE ASSEMBLY, MOLEX DISCLAIMS ALL WARRANTIES AND LIABILITY THAT RESULT FROM A FAILURE TO PROVIDE AN APPROPRIATE WARNING.

REVISED NOTE
EC NO: UCP2015-2891 2015/01/19
DRWN: IQUILES 2015/01/19
CHKD: MDATA 2015/01/29
APPR: APATEL
DESCRIPTION
8
REV

QUALITY SYMBOLS
⌀=0
⌀=0
⌀=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.60	± ---
1 PLACE	± 0.9	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

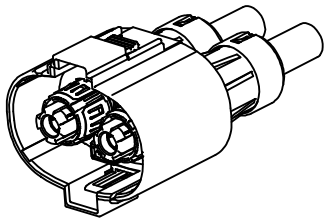
		DATE
DRAWN BY	MDATA	2011/12/07
CHECKED BY	MDATA	2011/12/20
APPROVED BY	APATEL	2012/04/11

TITLE: HARNESS ASSEMBLY 2 CIRCUIT IMPERIUM

MOLEX INCORPORATED

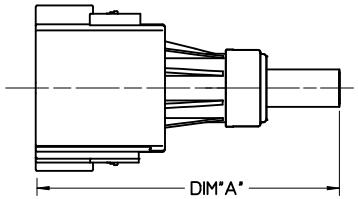
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-171466-1000
SHEET NO.: 1 OF 1
SIZE: D

DOUBLE ENDED ASSEMBLY			SINGLE ENDED ASSEMBLY		
PART NUMBER	KEYING OPTION	DIM "A"	PART NUMBER	KEYING OPTION	DIM "A"
171466-2001	A	.50M±20.0MM	171466-1001	A	.50M±20.0MM
171466-2002	B		171466-1002	B	
171466-2011	A	1.0M±30.0MM	171466-1011	A	1.0M±30.0MM
171466-2012	B		171466-1012	B	
171466-2021	A	1.5M±40.0MM	171466-1021	A	1.5M±40.0MM
171466-2022	B		171466-1022	B	
171466-2031	A	2.0M±50.0MM	171466-1031	A	2.0M±50.0MM
171466-2032	B		171466-1032	B	
171466-2041	A	3.0M±50.0MM	171466-1041	A	3.0M±50.0MM
171466-2042	B		171466-1042	B	

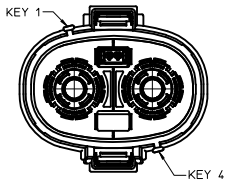


NOTES:

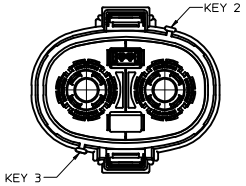
1. MATERIAL:
   MAIN HOUSING: PBT UV STABLIZED COLOR: ORANGE
   POWER TERMINALS: COPPER
   HVIL TERMINALS: COPPER ALLOY
2. FINISH:
   POWER TERMINALS: SILVER OVER NICKEL PLATING
   HVIL TERMINALS: TIN OVER NICKEL WITH SELECT GOLD PLATING
3. CABLE FOR POWER TERMINALS: CHAMPLAIN EXRAD-FXS 1/0X WITH EMI SHIELD
4. WIRE FOR HVIL TERMINALS: 18 GAGE TXL STRANDED WIRE
5. MATES WITH HEADER ASSEMBLY SERIES 171467-1***
6. PRODUCT SPECIFICATION: PS-171467-001
7. APPLICATION SPECIFICATION: AS-171467-001



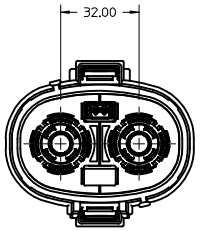
SINGLE ENDED HARNESS ASSEMBLY

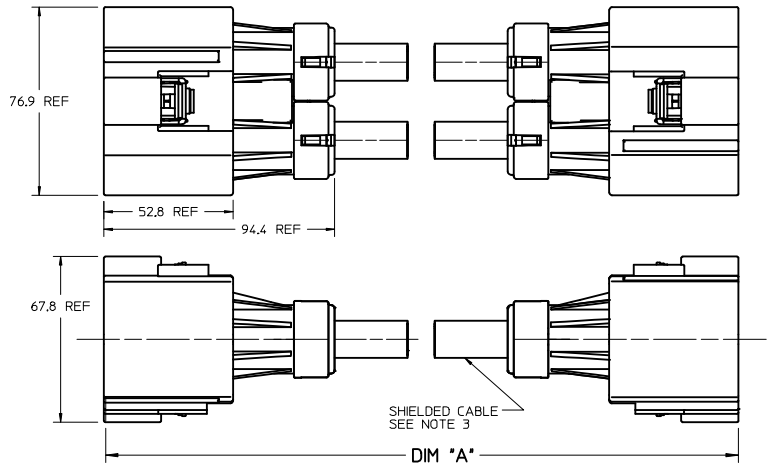


OPTION A
KEYING 1-4
MOLEX STANDARD
KEY VERSION



OPTION B
KEYING 2-3





DOUBLE ENDED HARNESS ASSEMBLY

USE OF THIS PRODUCT REQUIRES THAT APPROPRIATE HIGH VOLTAGE WARNING LABELS BE APPLIED TO THE CABLE ASSEMBLY AND/OR IN CLOSE PROXIMITY OF THE MATED CONNECTOR APPLICATION IN A MANNER THAT PROVIDES SUITABLE WARNING TO THE END USER AND MEETS APPLICABLE LAWS. IT IS THE RESPONSIBILITY OF THE OEM OR MANUFACTURER OF THE PRODUCT IN WHICH THIS CONNECTOR SYSTEM IS USED TO APPLY THE APPROPRIATE HIGH VOLTAGE WARNING LABEL(S) TO THE FINAL PRODUCT. TO THE EXTENT MOLEX IS NOT RESPONSIBLE FOR THE FINAL CABLE ASSEMBLY, MOLEX DISCLAIMS ALL WARRANTIES AND LIABILITY THAT RESULT FROM A FAILURE TO PROVIDE AN APPROPRIATE WARNING.

REVISED NOTE
EC NO: UCP2015-2891 2015/01/19
DRWN: IQUILES 2015/01/19
CHKD: MDATA 2015/01/29
APPR: APATEL
DESCRIPTION
8
REV

QUALITY SYMBOLS
⌀=0
⌀=0
⌀=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.60	± ---
1 PLACE	± 0.9	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

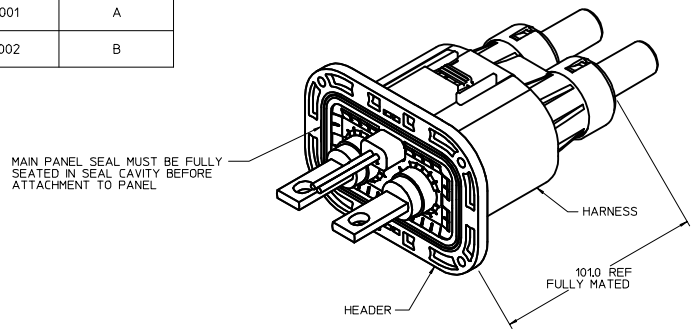
		DATE
DRAWN BY	MDATA	2011/12/07
CHECKED BY	MDATA	2011/12/20
APPROVED BY	APATEL	2012/04/11

TITLE: HARNESS ASSEMBLY 2 CIRCUIT IMPERIUM

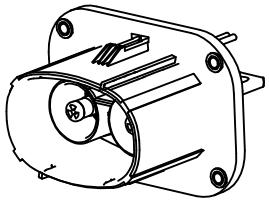
MOLEX INCORPORATED

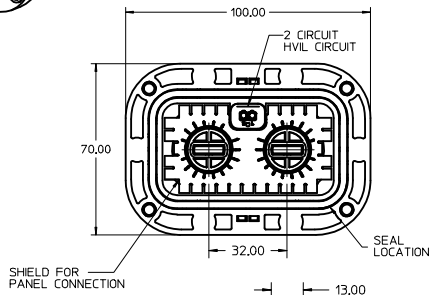
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-171466-1000
SHEET NO.: 1 OF 1
SIZE: D

PART NUMBER	KEYING OPTION
171467-1001	A
171467-1002	B



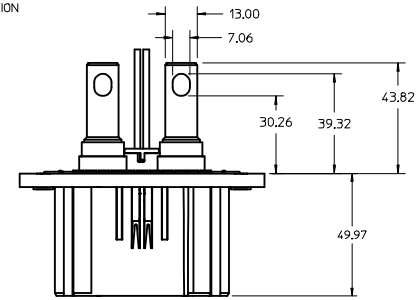
HEADER MATED TO HARNESS

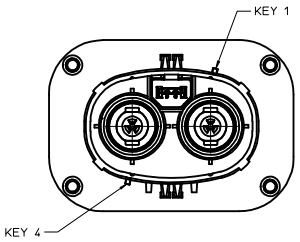




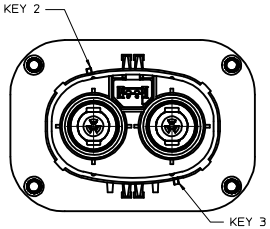
NOTES:

1. MATERIAL:
   MAIN HOUSING: POLYESTER 94V-0 (OPTIONAL UV STABLIZED)
   COLOR: ORANGE
   POWER TERMINALS: COPPER
   HVIL TERMINALS: COPPER ALLOY
2. FINISH:
   POWER TERMINALS: SILVER OVER NICKEL PLATING
   HVIL TERMINALS: TIN OVER NICKEL PLATING
3. WIRE FOR HVIL TERMINALS: 18 GAGE TXL AUTOMOTIVE GRADE STRANDED WIRE
4. MATES WITH HARNESS ASSEMBLY SERIES 171466-1***
5. ATTACH HEADER WITH SCREWS TO PANEL PER MOLEX APPLICATION SPEC
6. PRODUCT SPECIFICATION: PS-171467-001
7. APPLICATION SPECIFICATION: AS-171467-001
8. PACKAGING SPECIFICATION: PK-171467-999
9. SHIELD MATING SURFACE WITHIN THE KEEP OUT ZONE MUST BE A CLEAN SURFACE WITH TIN OR NICKEL PLATING
10. BUS BAR AND MOUNTING HARDWARE TO BE OVERALL TIN PLATED

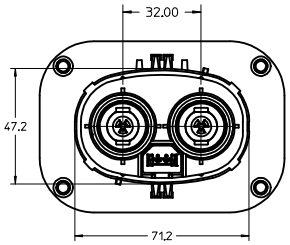


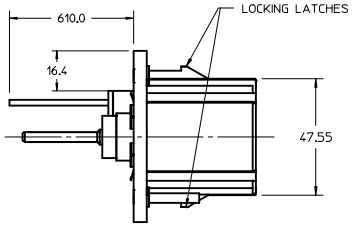


OPTION A
KEYING 1-4
MOLEX STANDARD
KEYIN VERSION



OPTION B
KEYING 2-3





USE OF THIS PRODUCT REQUIRES THAT APPROPRIATE HIGH VOLTAGE WARNING LABELS BE APPLIED TO THE CABLE ASSEMBLY AND/OR IN CLOSE PROXIMITY OF THE MATED CONNECTOR APPLICATION IN A MANNER THAT PROVIDES SUITABLE WARNING TO THE END USER AND MEETS APPLICABLE LAWS. IT IS THE RESPONSIBILITY OF THE OEM OR MANUFACTURER OF THE PRODUCT IN WHICH THIS CONNECTOR SYSTEM IS USED TO APPLY THE APPROPRIATE HIGH VOLTAGE WARNING LABEL(S) TO THE FINAL PRODUCT. TO THE EXTENT MOLEX IS NOT RESPONSIBLE FOR THE FINAL CABLE ASSEMBLY, MOLEX DISCLAIMS ALL WARRANTIES AND LIABILITY THAT RESULT FROM A FAILURE TO PROVIDE AN APPROPRIATE WARNING.

REVISED PIN LOCATION 2016/12/02
EC NO: UCP2017-1062 2016/12/21
DRWN:MDATA
CHKD:
APPR:APATEL
DESCRIPTION
REV 9

QUALITY SYMBOLS
⌀=0
⌀=0
⌀=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

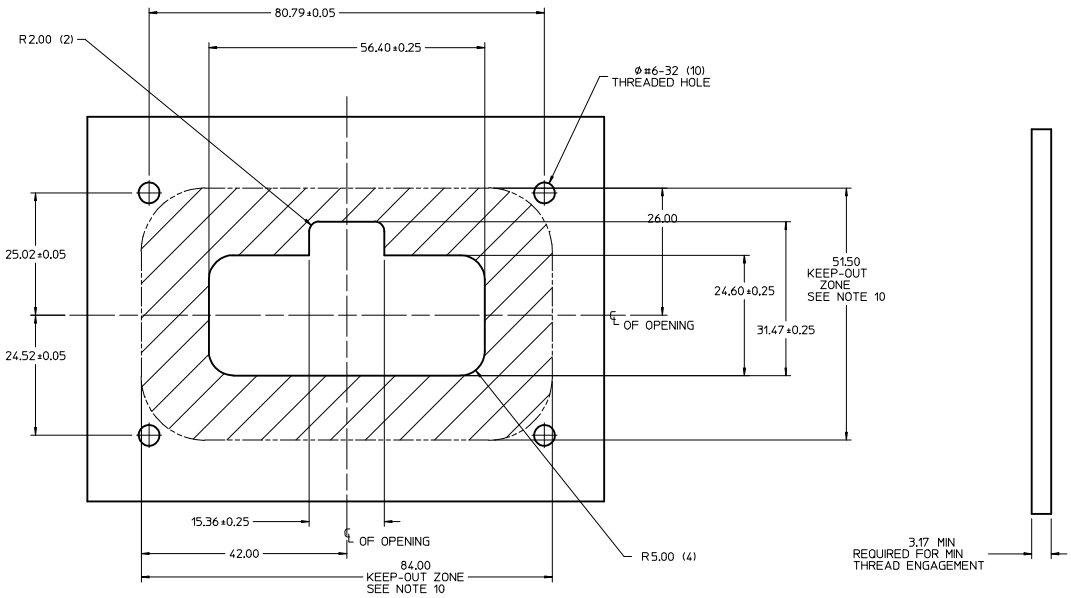
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.60	± ---
1 PLACE	± 0.90	± ---
ANGULAR ±1/2°		

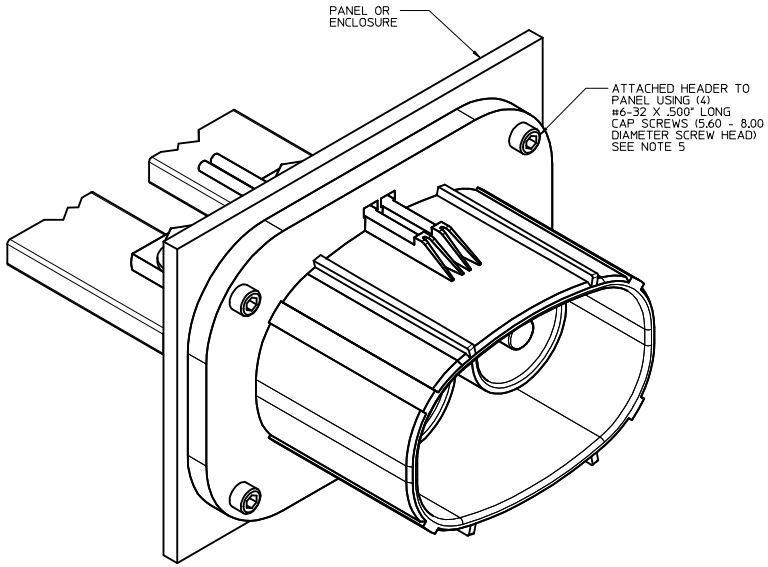
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

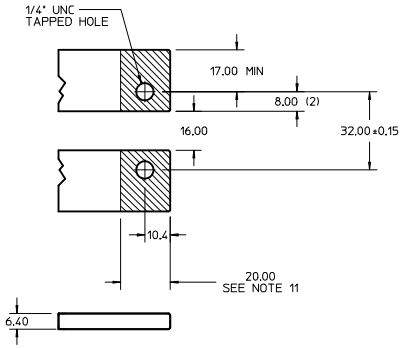
DRAWN BY: MDATA DATE: 2011/12/08
CHECKED BY: MDATA DATE: 2011/12/21
APPROVED BY: APATEL DATE: 2012/04/11
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-171467-1000
SHEET NO.: 1 OF 2
SIZE: D

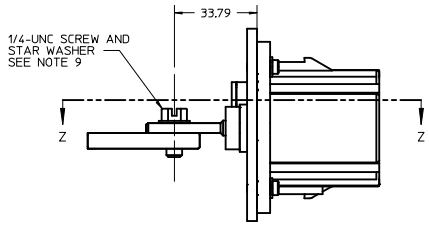
TITLE: HEADER ASSY PANEL MOUNT IMPERIUM
MOLEX INCORPORATED



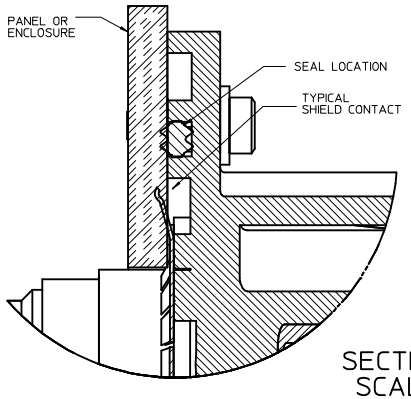


PANEL REQUIREMENTS
SCALE 2:1





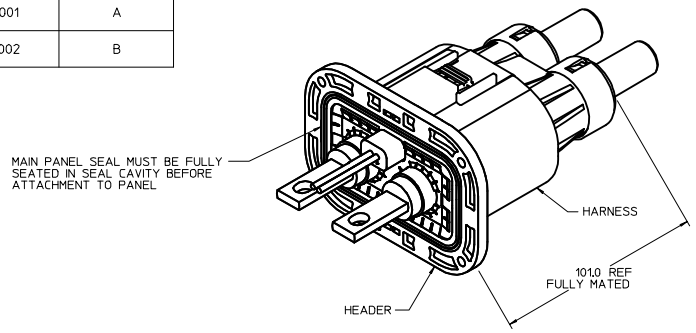
RECOMMENDED BUS BAR DETAIL



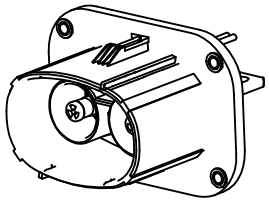
SECTION Z-Z
SCALE 4:1

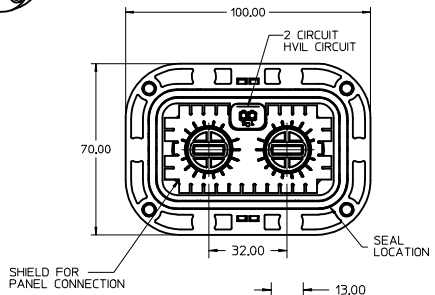
SEE SHEET 1	EC NO: UCP2017-1062	2016/12/02	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS
	DRWN:MDATA	2016/12/21			MM ONLY	1:1	METRIC
	CHKD:			mm / INCH	DRAWN BY / DATE	TITLE	
	APPR:APATEL		▽=0	4 PLACES ± --- / ± ---	MDATA 2011/12/08	HEADER ASSY PANEL MOUNT IMPERIUM	
9	DESCRIPTION	REV	▽=0	3 PLACES ± --- / ± ---	CHECKED BY / DATE		
			▽=0	2 PLACES ± 0.60 / ± ---	MDATA 2011/12/21		
			▽=0	1 PLACE ± 0.90 / ± ---	APPROVED BY / DATE	molex MOLEX INCORPORATED	
				ANGULAR ±1/2°	APATEL 2012/04/11		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-171467-1000	SHEET NO. 2 OF 2
					SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

PART NUMBER	KEYING OPTION
171467-1001	A
171467-1002	B



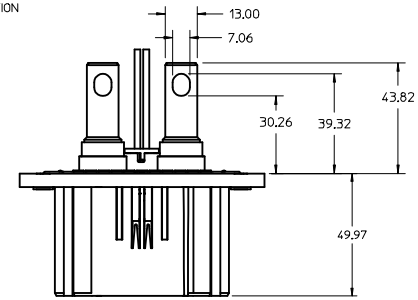
HEADER MATED TO HARNESS

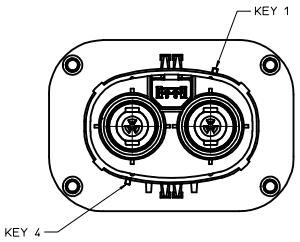




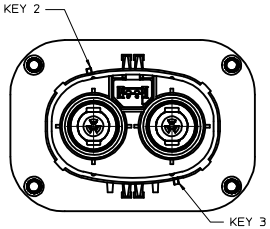
NOTES:

1. MATERIAL:
   MAIN HOUSING: POLYESTER 94V-0 (OPTIONAL UV STABLIZED)
   COLOR: ORANGE
   POWER TERMINALS: COPPER
   HVIL TERMINALS: COPPER ALLOY
2. FINISH:
   POWER TERMINALS: SILVER OVER NICKEL PLATING
   HVIL TERMINALS: TIN OVER NICKEL PLATING
3. WIRE FOR HVIL TERMINALS: 18 GAGE TXL AUTOMOTIVE GRADE STRANDED WIRE
4. MATES WITH HARNESS ASSEMBLY SERIES 171466-1***
5. ATTACH HEADER WITH SCREWS TO PANEL PER MOLEX APPLICATION SPEC
6. PRODUCT SPECIFICATION: PS-171467-001
7. APPLICATION SPECIFICATION: AS-171467-001
8. PACKAGING SPECIFICATION: PK-171467-999
9. SHIELD MATING SURFACE WITHIN THE KEEP OUT ZONE MUST BE A CLEAN SURFACE WITH TIN OR NICKEL PLATING
10. BUS BAR AND MOUNTING HARDWARE TO BE OVERALL TIN PLATED

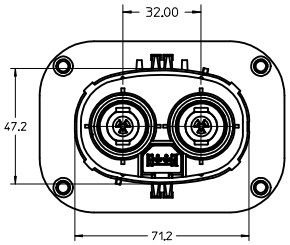


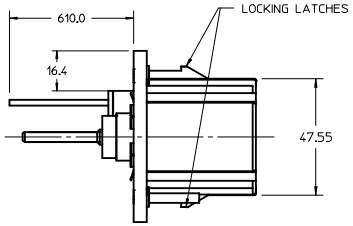


OPTION A
KEYING 1-4
MOLEX STANDARD
KEYIN VERSION



OPTION B
KEYING 2-3





USE OF THIS PRODUCT REQUIRES THAT APPROPRIATE HIGH VOLTAGE WARNING LABELS BE APPLIED TO THE CABLE ASSEMBLY AND/OR IN CLOSE PROXIMITY OF THE MATED CONNECTOR APPLICATION IN A MANNER THAT PROVIDES SUITABLE WARNING TO THE END USER AND MEETS APPLICABLE LAWS. IT IS THE RESPONSIBILITY OF THE OEM OR MANUFACTURER OF THE PRODUCT IN WHICH THIS CONNECTOR SYSTEM IS USED TO APPLY THE APPROPRIATE HIGH VOLTAGE WARNING LABEL(S) TO THE FINAL PRODUCT. TO THE EXTENT MOLEX IS NOT RESPONSIBLE FOR THE FINAL CABLE ASSEMBLY, MOLEX DISCLAIMS ALL WARRANTIES AND LIABILITY THAT RESULT FROM A FAILURE TO PROVIDE AN APPROPRIATE WARNING.

REVISED PIN LOCATION 2016/12/02
EC NO: UCP2017-1062 2016/12/21
DRWN:MDATA
CHKD:
APPR:APATEL
DESCRIPTION
REV 9

QUALITY SYMBOLS
⌀=0
⌀=0
⌀=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

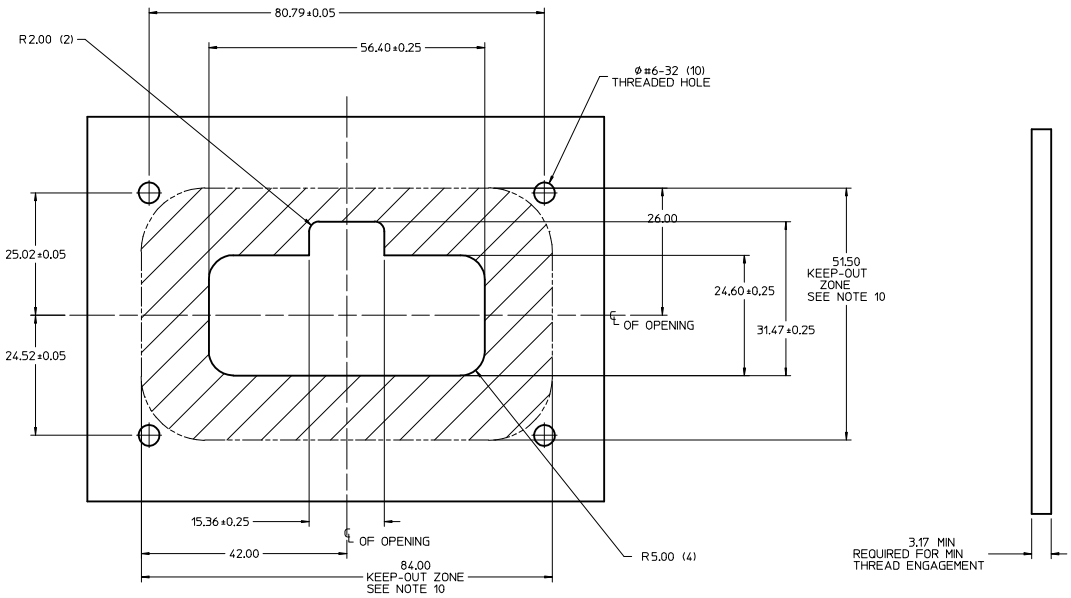
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.60	± ---
1 PLACE	± 0.90	± ---
ANGULAR ±1/2°		

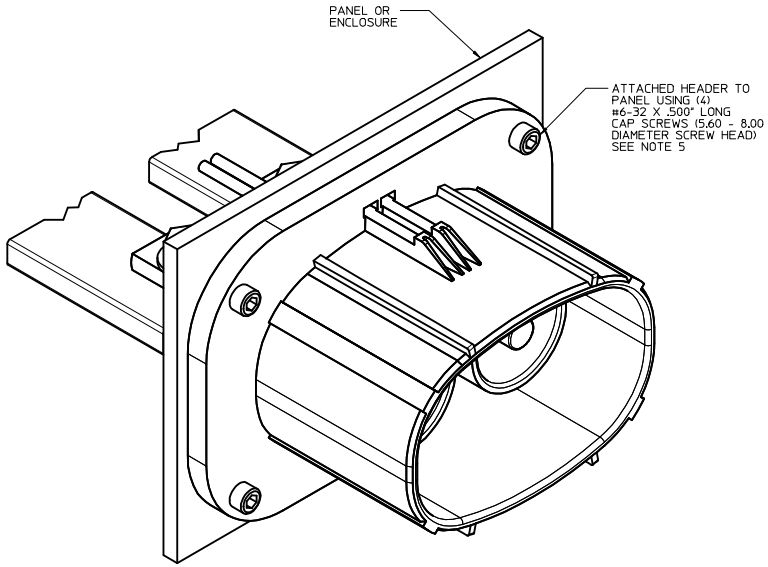
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

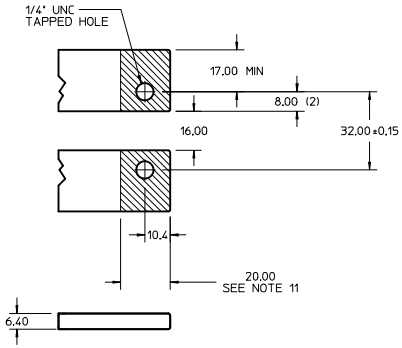
DRAWN BY: MDATA DATE: 2011/12/08
CHECKED BY: MDATA DATE: 2011/12/21
APPROVED BY: APATEL DATE: 2012/04/11
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-171467-1000
SHEET NO.: 1 OF 2
SIZE: D

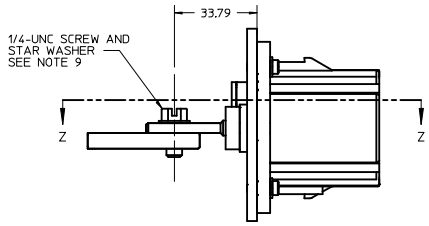
TITLE: HEADER ASSY PANEL MOUNT IMPERIUM
MOLEX INCORPORATED



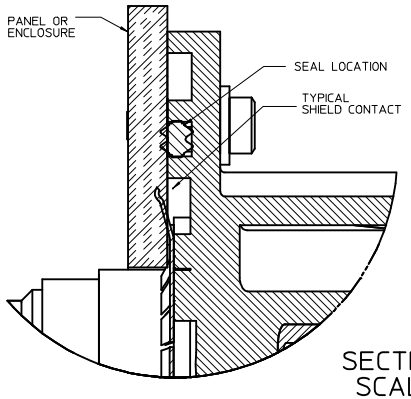


PANEL REQUIREMENTS
SCALE 2:1





RECOMMENDED BUS BAR DETAIL



SECTION Z-Z
SCALE 4:1

SEE SHEET 1	EC NO: UCP2017-1062	2016/12/02	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS
	DRWN:MDATA	2016/12/21			MM ONLY	1:1	METRIC
	CHKD:			mm / INCH	DRAWN BY / DATE	TITLE	
	APPR:APATEL		▽=0	4 PLACES ± --- / ± ---	MDATA 2011/12/08	HEADER ASSY PANEL MOUNT IMPERIUM	
9	DESCRIPTION	REV	▽=0	3 PLACES ± --- / ± ---	CHECKED BY / DATE		
			▽=0	2 PLACES ± 0.60 / ± ---	MDATA 2011/12/21		
			▽=0	1 PLACE ± 0.90 / ± ---	APPROVED BY / DATE	molex MOLEX INCORPORATED	
				ANGULAR ±1/2°	APATEL 2012/04/11		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-171467-1000	SHEET NO. 2 OF 2
					SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	