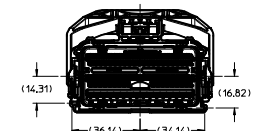
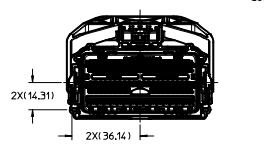


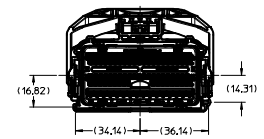
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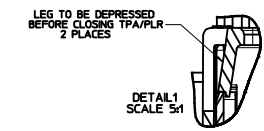
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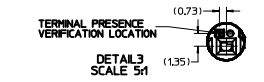
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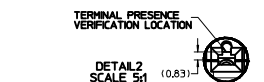
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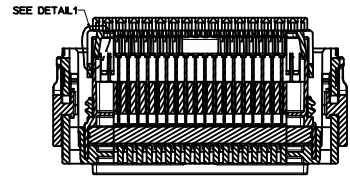
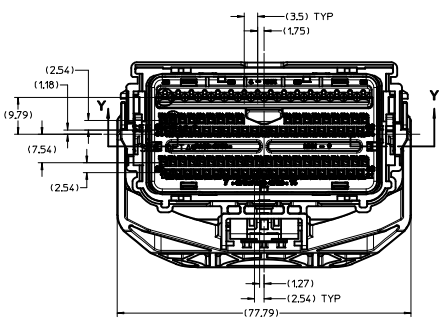
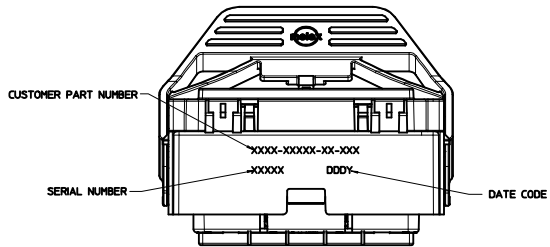
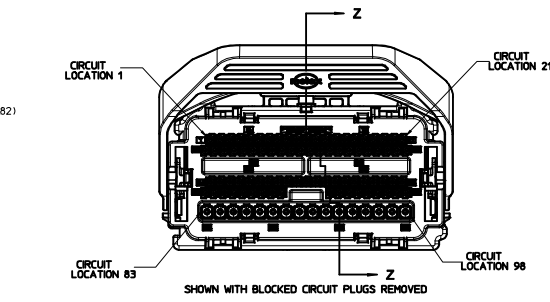
DETAIL 1
SCALE 5:1



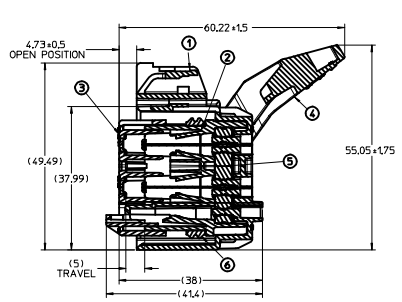
DETAIL 3
SCALE 5:1



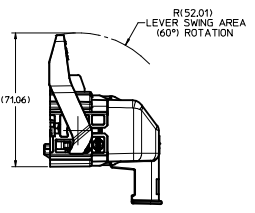
DETAIL 2
SCALE 5:1



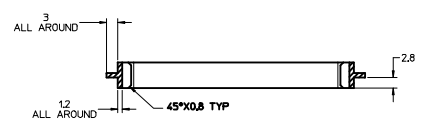
SECTION Y-Y



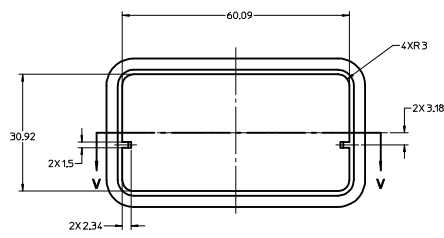
SECTION Z-Z



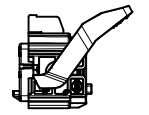
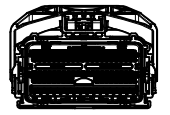
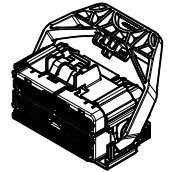
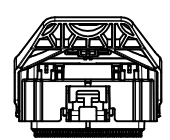
SHOWN WITH OPTIONAL WIRE DRESS COVER - 34668-0900
TPA IN CLOSED POSITION AND LEVER IN MATE POSITION



SECTION V-V



98-WAY TPA SEAT TOOL



FULL SIZE VIEWS

NOTES: UNLESS OTHERWISE SPECIFIED

- PART MUST CONFORM TO USCAR/SAE-2 REV 4 DATED MAY2004 UNLESS NOTED OTHERWISE. CONNECTOR TO CONNECTOR MATE FORCE REQUIREMENT - SEE NOTE 3. TPA ENGAGE FORCE PRE-LOCK TO FINAL LOCK IS NEGATED DUE TO THE USE OF FORCE TO RELEASE THE MATE ASSIST RELEASE FEATURE WITHOUT DEPRESSING LOCK MECHANISM SHALL BE $\geq 30N$.
- THE OPERATING ENVIRONMENT CRITERIA FOR THIS CONNECTOR SYSTEM IS USCAR CLASS3.
- MAXIMUM LEVER ENGAGEMENT FORCE WITH CONNECTOR POPULATED WITH 16 TIN 15MM TERMINALS AND 82 SILVER 0,64MM TERMINALS IS NOT TO EXCEED 100N.
- TERMINAL TPA/PLR IS SHIPPED TO HARNESS MANUFACTURER IN PRE-LOAD POSITION AS SHOWN.
- ALL PLASTIC PARTS MUST HAVE MATERIAL IDENTIFICATION SYMBOLS CLEARLY MARKED, WHEREVER PACKAGE SIZE PERMITS.
- ENGINEERING APPROVAL REQUIRED FOR ALL SOURCING AND TOOLING OF THIS PART.
- FOR ENGINEERING APPROVED SOURCE SEE ENGINEERING RELEASE.
- ENGINEERING APPROVAL OF SAMPLE FROM SUPPLIER IS REQUIRED PRIOR TO AUTHORIZATION OF PART PRODUCTION.
- CHANGES IN DESIGN COMPOSITION OR PROCESSING OF THE PART PREVIOUSLY APPROVED FOR PART PRODUCTION REQUIRES PRIOR ENGINEERING APPROVAL.
- GENERAL TOLERANCES:
ALL ONE PLACE DIMENSIONS: $\pm 0,3$
ALL TWO PLACE DIMENSIONS: $\pm 0,10$
ALL ANGULAR DIMENSIONS: $\pm 1^\circ$
- 0,3 MAXIMUM RADIUS PERMISSIBLE ON EDGES AND FILLETS SHOWN AS SHARP FOR PLASTIC PARTS.
- PARTS ARE TO BE FREE OF SCRATCHES, DISCOLORATION, SALT RESIDUE, OR OTHER IMPERFECTIONS THAT MAY AFFECT FUNCTION OR FIT OF PART.
- SOURCE IDENTIFICATION MARK, PRODUCTION DATE CODE, AND ASSEMBLY PART NUMBER MUST BE PERMANENTLY APPLIED ON THE PART WITH 1,5MM MINIMUM LETTER SIZE FROM THE BOTTOM TO THE TOP OF THE CHARACTERS AND LEGIBLE WHEREVER PACKAGE SIZE PERMITS OR OTHER AGREEMENTS ARE MADE.
- OPTIONAL WIRE DRESS COVER - MOLEX P/N - 34668-0900 IS SHIPPED SEPARATELY.
- OPTIONAL WIRE DRESS COVER - MOLEX P/N - 34668-0905 IS SHIPPED SEPARATELY.
- OPTIONAL 0,64 LOOSE PIECE PLUG - MOLEX P/N - 34676-0001 IS SHIPPED SEPARATELY.
- OPTIONAL 15 LOOSE PIECE PLUG - MOLEX P/N - 34345-0001 IS SHIPPED SEPARATELY.
- 25% MAXIMUM REGRIND ALLOWABLE.
- MOLEX MX150 TERMINAL REMOVAL TOOL P/N 63813-1500
- MOLEX 0,64MM TERMINAL REMOVAL TOOL P/N 63813-1400
- FOR TOOL TO SEAT THE TPA, SEE DWG SECTION G-12
- TERMINAL CIRCUIT LOCATIONS 1 - 82 RECEIVE 0,64 TERMINALS (GET) FROM TYCO ELECTRONICS. TERMINAL CIRCUIT LOCATIONS 83 - 98 RECEIVE 15 TERMINALS (MX150) FROM MOLEX.
- THE WIRE INSULATION DIAMETER RANGES TESTED:
0,64 TERMINAL (GET) - MAXIMUM SIZE = 2,00mm
15 TERMINAL (MX150) - MINIMUM SIZE = 1,5mm

DESCRIPTION	NOMINAL TERMINAL SIZE	COLOR/PLATING	FORD PART NUMBER	SUPPLIER PART NUMBER	MATERIAL/SPECIFICATION NUMBER	METRIC			SAE		
						WIRE SIZE	LOW TEMP	HIGH TEMP	WIRE SIZE	LOW TEMP	HIGH TEMP
TERMINAL - FEMALE (Sn)	15 (CAT "2")	TIN	7C3T-14474-EA	33012-2001	COPPER ALLOY/TIN PLATE	15	WSK-MIL124-A	S97GG-14401-44	AWG16	ESB-MIL120-A	ESB-MIL123-A/A2
TERMINAL - FEMALE (Sn)	15 (CAT "2")	TIN	7C3T-14474-DA	33012-2002	COPPER ALLOY/TIN PLATE	0,75-10	WSK-MIL124-A	S97GG-14401-44	AWG20	WSB-MIL134-A1	WSS-MIL135-A1
									AWG18	WSB-MIL120-A	WSS-MIL123-A/A2
									AWG18	WSB-MIL134-A1	WSS-MIL135-A1
TERMINAL - FEMALE (Ag)	0,64 (CAT "0")	SILVER	7S4T-14474-AA	193366-2	COPPER ALLOY/SILVER PLATE	0,50-0,75	N/A	N/A	AWG18-20	N/A	N/A
TERMINAL - FEMALE (Ag)	0,64 (CAT "0")	SILVER	7S4T-14474-BA	193367-2	COPPER ALLOY/SILVER PLATE	0,22-0,35	N/A	N/A	AWG22	N/A	N/A
COVER - WIRE DRESS	N/A	BLACK	AUST-14A099-AA	34668-0900	TBD	N/A	N/A	N/A	N/A	N/A	N/A
COVER - WIRE DRESS	N/A	BLACK	AUST-14A099-BA	34668-0905	TBD	N/A	N/A	N/A	N/A	N/A	N/A
PLUG - LOOSE PIECE	15 (CAT "2")	NATURAL	6UST-10C930-GA	34345-0001	TBD	N/A	N/A	N/A	N/A	N/A	N/A
PLUG - LOOSE PIECE	0,64 (CAT "0")	GRAY	7UST-10C930-FA	34676-0001	TBD	N/A	N/A	N/A	N/A	N/A	N/A

FOR APPLICABLE WIRE INFORMATION PLEASE CONTACT TYCO

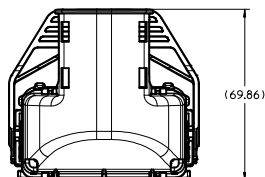
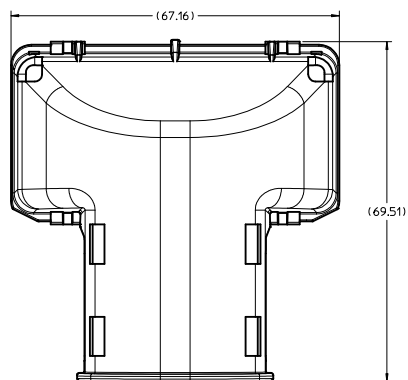
UPDATED FRAME
ECN NO: UAU007-0468
DRAWN BY: 2016/11/25
CHECKED BY: 2016/11/25
APPROVED BY: 2016/11/25

QUALITY SYMBOLS
4 PLACES
3 PLACES
2 PLACES
1 PLACE
0 PLACE

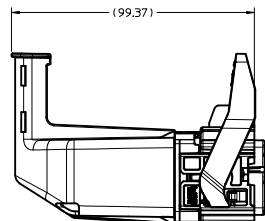
GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES
3 PLACES
2 PLACES
1 PLACE
0 PLACE

DIMENSION STYLE
MM ONLY
DRAWN BY: K. DEKOSKI
DATE: 29SEPT2006
CHECKED BY: D. LANGOLF
DATE: 29SEPT2006
APPROVED BY: R. BAUMAN
DATE: 29SEPT2006

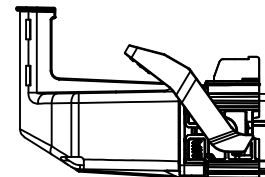
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION
RECEPTACLE CONNECTOR
98-WAY PCM
molex
DOCUMENT NO.: SD-34668-000
SHEET NO.: 1 OF 2



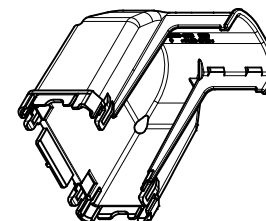
END VIEW
SCALE 1:1



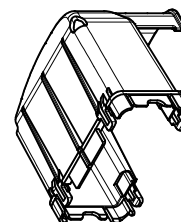
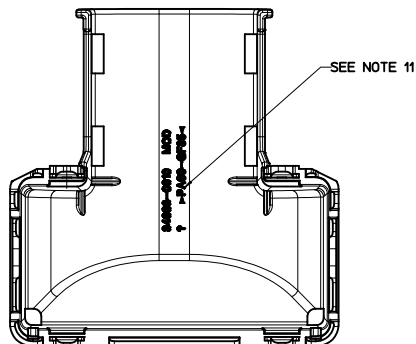
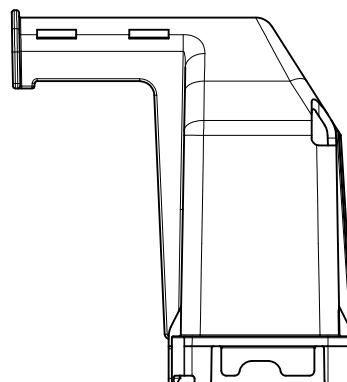
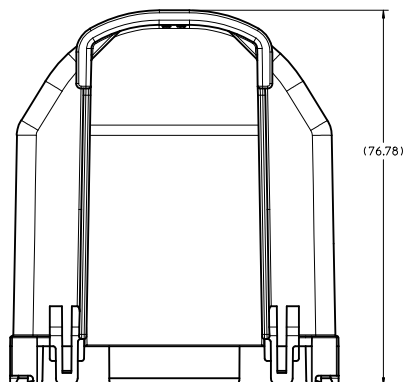
SIDE VIEW
SCALE 1:1
TPA AND LEVER IN CLOSED POSITION



SIDE VIEW
SCALE 1:1
TPA & LEVER IN OPEN POSITION



SCALE 1:1



NOTES UNLESS OTHERWISE SPECIFIED

- PART MUST CONFORM TO THE FORD CONNECTOR SYSTEM DESIGN SPECIFICATION (SDS) REV 14 DATED 09MAY2004
- PART MUST CONFORM TO USCAR SAE-2 REV4 DATED MAY2004
- ALL PLASTIC PARTS MUST HAVE MATERIAL IDENTIFICATION SYMBOLS CLEARLY MARKED, WHEREVER PACKAGE SIZE PERMITS.
- ENGINEERING APPROVAL REQUIRED FOR ALL SOURCING AND TOOLING OF THIS PART.
- FOR ENGINEERING APPROVED SOURCE SEE ENGINEERING RELEASE.
- ENGINEERING APPROVAL OF SAMPLE FROM SUPPLIER IS REQUIRED PRIOR TO AUTHORIZATION OF PART PRODUCTION.
- CHANGES IN DESIGN, COMPOSITION, OR PROCESSING OF THE PART, PREVIOUSLY APPROVED FOR PART PRODUCTION REQUIRES PRIOR ENGINEERING APPROVAL.
- GENERAL TOLERANCES:
ALL LINEAR DIMENSIONS: ± 0.30
ALL ANGULAR DIMENSIONS: $\pm 3^\circ$
- 0.3 MAXIMUM RADIUS PERMISSIBLE ON EDGES AND FILLETS SHOWN AS SHARP FOR PLASTIC PARTS.
- PARTS ARE TO BE FREE OF SCRATCHES, DISCOLORATIONS, SALT RESIDUE OR OTHER IMPERFECTIONS THAT MAY AFFECT FUNCTION OR FIT OF PART.
- SOURCE IDENTIFICATION MARK, PRODUCTION DATE CODE & CUSTOMER PART NO. MUST BE PERMANENTLY APPLIED ON THE PART WITH 1.5MM LETTER SIZE FROM THE BOTTOM TO THE TOP OF THE CHARACTERS AND LEGIBLE WHEREVER PACKAGE SIZE PERMITS OR OTHER AGREEMENTS ARE MADE.
- PART MUST MATE WITH MOLEX CONNECTOR SERIES 34668
- PART IS SHIPPED SEPARATELY.
- 25% MAXIMUM REGRIND ALLOWED.

INITIAL RELEASE EC NO: UAU2011-0966 DRAWN: DEKOSKI CHKD: RBAUMAN APPR: RBAUMAN REV	DESCRIPTION 2011/04/19	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	

Mouser Electronics

Authorized Distributor

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