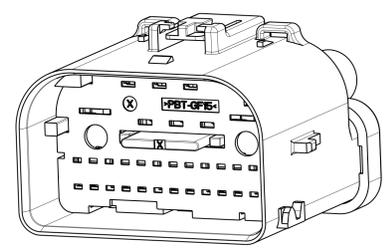
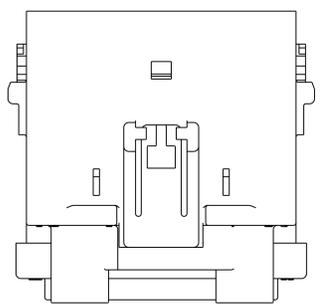
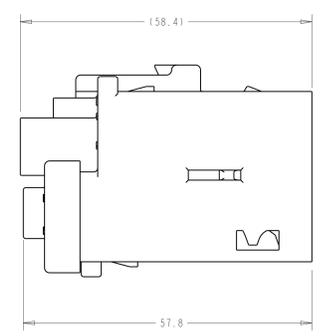
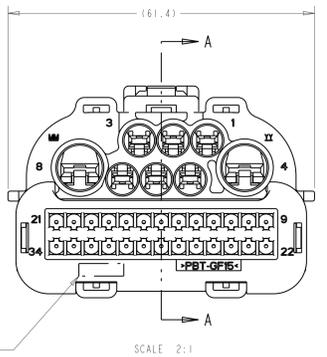
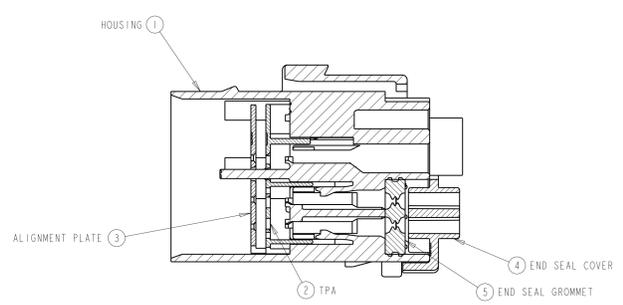


REVISIONS				
REV	DATE	DESCRIPTION	BY	APPD
A33	16-015393	REVISED PER ECO-16-015393	DD	GR
A34	16-017815	REVISED PER ECO-16-017815	DD	GR
A35	17-003501	REVISED PER ECO-17-003501	DD	GR
A36	17-015830	REVISED PER ECO-17-015830	JMS	GR

LIST OF PARTS									
QTY. REQUIRED			ITEM	DESCRIPTION	COLOR	SUPPLIER PART NUMBER	MATERIAL SPECIFICATION	RECYCLING CODE	WEIGHT (GRAM)
INDEX C	INDEX B	INDEX A							
-	-	1	1	HOUSING, KEYING OPTION 'A'	BLACK	0-1587054-1	30% GF PBT	>PBT-GF30<	TBD
-	1	-	1	HOUSING, KEYING OPTION 'B'	GRAY	0-1587054-2	30% GF PBT	>PBT-GF30<	TBD
1	-	-	1	HOUSING, KEYING OPTION 'C'	NATURAL	0-1587054-3	30% GF PBT	>PBT-GF30<	TBD
1	1	1	2	TPA	RED	0-1587055-1	15% GF PBT	>PBT-GF15<	TBD
1	1	1	3	ALIGNMENT PLATE	NATURAL	0-1587056-1	15% GF PBT	>PBT-GF15<	TBD
1	1	1	4	END SEAL COVER	BLACK	0-1587057-1	15% GF PBT	>PBT-GF15<	TBD
1	1	1	5	END SEAL GROMMET	LT GREEN	0-1587058-1	SILICON	>VMQ<	TBD

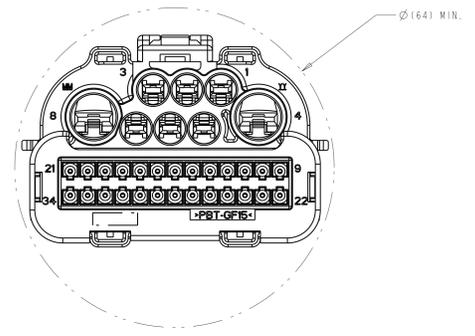


- PART MUST CONFORM TO THE USCAR-2 SPECIFICATION, DATED 07/DEC/00 (REVISION 3).
 - 0.2mm MAXIMUM RADIUS PERMISSIBLE ON EDGES AND FILLETS SHOWN AS SHARP FOR PLASTIC PARTS.
 - PRODUCTION DATE CODE AND PINOUT CODE MUST BE LEGIBLE AND PERMANENTLY APPLIED WHEREVER PACKAGE SIZE PERMITS OR OTHER AGREEMENTS ARE MADE.
 - MATES WITH ASSEMBLY SHOWN ON DRAWING 1438841.
- ⚠ SEE TE INSTRUCTION SHEET 408-8911 FOR PROPER POSITIONING OF TPA AND TE INSTRUCTION SHEET 408-8832 FOR APPLICATION USE OF CONNECTOR SYSTEM.
- ⚠ TERMINAL CAVITIES 9-34 ARE RESTRICTED TO WIRE OD RANGE OF 1.20-2.34mm.

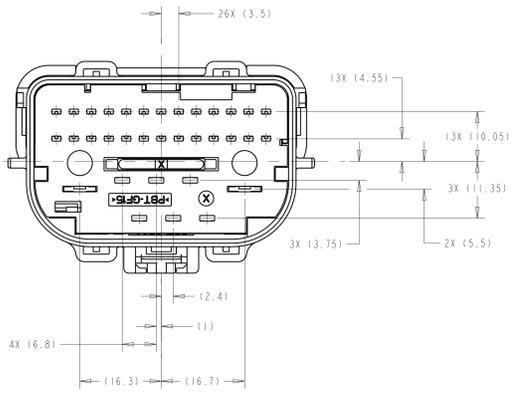
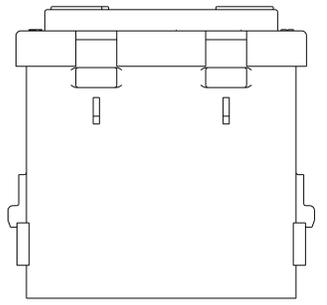


SECTION A-A
 TPA AND ALIGNMENT PLATE
 IN PRE-SEATED POSITION

COMPANY LOGO SCALE 2:1



MIN. FEED THRU CONDITION
 WITH 1mm CLEARANCE ALL AROUND
 SCALE 2:1



APPLICABLE COMPONENTS (FOR REFERENCE ONLY)				APPLICABLE WIRE SIZES (FOR REFERENCE ONLY)	COMPONENT MATING PART NUMBER
DESCRIPTION	COLOR/PLATING	SUPPLIER	SUPPLIER PART NUMBER		
TERMINAL - MALE 1.5mm	TIN	MOLEX	33000-0002	16 AWG 18-20 AWG OR METRIC EQUIVALENT	33012-2001 33012-2002
TERMINAL - MALE 1.5mm	TIN	MOLEX	33000-0003	22 AWG OR METRIC EQUIVALENT	33012-2003
TERMINAL - MALE 2.8mm	TIN	TE	1326031-2	20 AWG OR METRIC EQUIVALENT	1326032-2
TERMINAL - MALE 2.8mm	TIN	TE	1326031-3	18 AWG OR METRIC EQUIVALENT	1326032-3
TERMINAL - MALE 2.8mm	TIN	TE	1326031-4	16 AWG OR METRIC EQUIVALENT	1326032-4
TERMINAL - MALE 2.8mm	TIN	TE	1326031-5	14 AWG OR METRIC EQUIVALENT	1326032-5
TERMINAL - MALE 2.8mm	TIN	TE	1-1326031-1	12 AWG OR METRIC EQUIVALENT	1326032-6
CABLE SEAL - 2.8mm	GREEN	YAZAKI	7158-3111-60	1.2-1.9mm WIRE O.D.	N/A
CABLE SEAL - 2.8mm	YELLOW	YAZAKI	7158-3112-70	1.8-2.3mm WIRE O.D.	N/A
CABLE SEAL - 2.8mm	WHITE	YAZAKI	7158-3113-40	2.1-3.0mm WIRE O.D.	N/A
CABLE SEAL - 2.8mm	LT GRAY	YAZAKI	7158-3110-40	3.1-3.3mm WIRE O.D.	N/A
TERMINAL - MALE 6.3mm	TIN	YAZAKI	7114-4140-02	20-16 AWG OR METRIC EQUIVALENT	7116-4140-02
TERMINAL - MALE 6.3mm	TIN	YAZAKI	7114-4141-02	14 AWG OR METRIC EQUIVALENT	7116-4141-02
TERMINAL - MALE 6.3mm	TIN	YAZAKI	7114-4142-02	12 AWG OR METRIC EQUIVALENT	7116-4142-02
TERMINAL - MALE 6.3mm	TIN	YAZAKI	7114-4143-02	10 AWG OR METRIC EQUIVALENT	7116-4143-02
CABLE SEAL - 6.3mm	RED	YAZAKI	7158-3081-50	1.4-2.3mm WIRE O.D.	N/A
CABLE SEAL - 6.3mm	BLUE	YAZAKI	7158-3082-90	2.1-3.0mm WIRE O.D.	N/A
CABLE SEAL - 6.3mm	BLACK	YAZAKI	7158-3083	3.0-3.8mm WIRE O.D.	N/A
CABLE SEAL - 6.3mm	LT GRAY	YAZAKI	7158-3084-40	3.8-4.05mm WIRE O.D.	N/A
CAVITY PLUG - 2.8mm	BLUE	YAZAKI	7158-3114-90	N/A	N/A
CAVITY PLUG - 6.3mm	GREEN	YAZAKI	7158-3080-60	N/A	N/A

NOTE: SEE SUPPLIER DRAWINGS FOR LATEST INFORMATION AND CRIMP SPECIFICATIONS.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DATE: 10/10/2014	REV: 1	DRUMMOND	190CT2004
DIMENSIONS: (mm)		DATE: 10/10/2014	REV: 1	COBLE	190CT2004
MATERIAL: -		DATE: 10/10/2014	REV: 1	COBLE	190CT2004
FINISH: -		DATE: 10/10/2014	REV: 1	COBLE	190CT2004
CUSTOMER DRAWING		DATE: 10/10/2014	REV: 1	COBLE	190CT2004

STE TE Connectivity

CAP ASSEMBLY
 34 WAY, SEALED, HYBRID,
 MALE

SCALE: 2:1 SHEET 1 OF 5

REVISIONS			
P	LTN	DESCRIPTION	DATE
-	-	SEE SHEET 1	-

TE P/N	PINOUT ID CODE	INDEX (KEY)	COLOR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
2318701-3	AHQ	A	BLACK												12	13					18		20					26					32	33			
2318701-2	AHP	A	BLACK												12	13					18		20	21				26	28			31	32	33			
2318701-1	AHO	A	BLACK										10		12		14	15	16															33	34		

CIRCUITS 1 THRU 8
REMAIN OPEN

BLOCKED CAVITIES INDICATED BY A NUMERIC SYMBOL IN THAT CIRCUIT LOCATION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DATE: 19OCT2004	BY: DRUMMOND	REV: 1	19OCT2004	 TE Connectivity
DIMENSIONS: 0 P/LC 05.3, 1 P/LC 05.3, 2 P/LC 05.1, 3 P/LC 05.1, 4 P/LC 05.1		DATE: 19OCT2004	BY: COBLE	REV: 1	19OCT2004	
MATERIAL: -	FINISH: -	WEIGHT: -	APPROVAL: -	APPLICATOR: -	APPLICATOR SPEC: -	CAP ASSEMBLY, 34 WAY, SEALED, HYBRID, MALE
CUSTOMER DRAWING		SCALE: 2:1	SHEET: 5 OF 5	REV: A36	SIZE: A0 CASE CODE: 00779 DRAWING NO: 1438842	RESTRICTED TO: -

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[4-1438842-0](#)