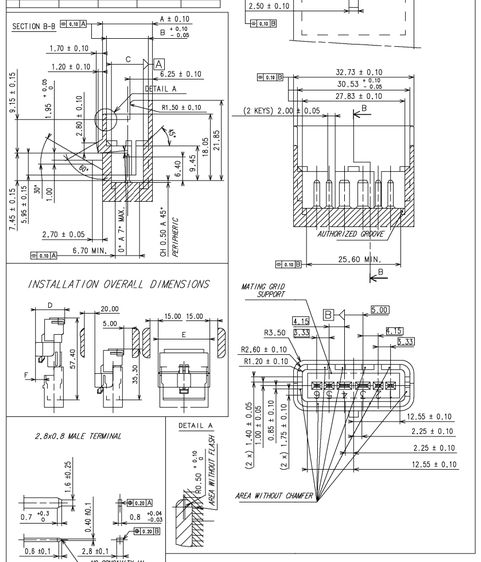
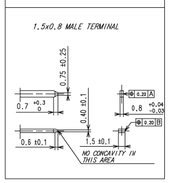
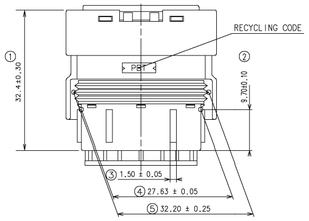
HEADER INFORMATION

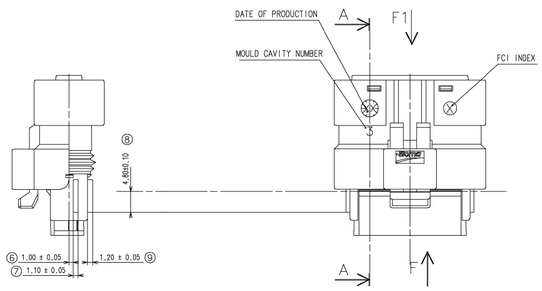
	2 WAYS	3 WAYS	4 WAYS	5 WAYS	6 WAYS
A	12.90	12.90	12.90	12.90	13.70
B	10.70	10.70	10.70	10.70	11.50
C	8.60 ± 0.10	8.60 ± 0.10	8.60 ± 0.10	8.60 ± 0.10	8.80 ± 0.10
D	19.60	20.50	20.50	20.50	21.30
E	17.80	20.73	24.06	27.60	35.13
F	8.30	8.30	8.30	8.30	8.30

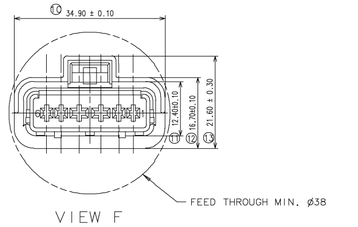


INSTALLATION OVERALL DIMENSIONS

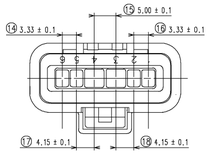






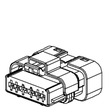


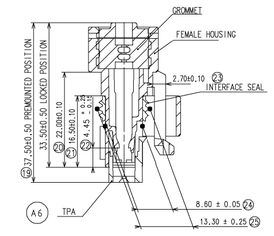
VIEW F



VIEW F1

FULL SIZE VIEW





A-A

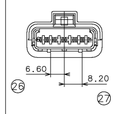
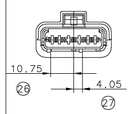
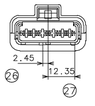
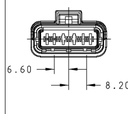
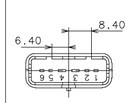
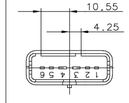
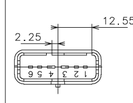
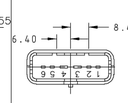
NOTES:

1. PART MUST CONFORM TO THE ELECTRICAL CONNECTION SYSTEM DESIGN SPECIFICATION (SDS)VER.6 DATED 03-DEC-99
   EXCEPT: EL001 / EL0017 / EL0036 / EL0068 / EL0076
2. PART MUST CONFORM TO THE LATEST LEVEL OF USCAR DATED 00/10/03
   TBD, CARRYOVER FROM PSA
3. REFERENCE TO ANY OTHER SPECIFICATIONS AND REV LEVEL e.g VDA
4. MAXIMUM INSERTION FORCE FULLY POPULATED WITH TIN TERMINALS = 75N
   WITH GOLD TERMINALS = 75N
5. TERMINAL EXTRACTION TOOL : REFERENCE 211 S 015
   GRID UNLOCKING TOOL : REFERENCE 210 S 040
6. ALL PLASTIC PARTS MUST HAVE MATERIAL IDENTIFICATION SYMBOLS CLEARLY MARKED, WHEREVER PACKAGE SIZE PERMITS
7. FORD MOTOR COMPANY APPROVAL REQUIRED FOR ALL SOURCING AND TOOLING OF THIS PART
8. FOR ENGINEERING APPROVED SOURCE SEE ENGINEERING RELEASE
9. ENGINEERING APPROVAL OF SAMPLE FROM EACH SUPPLIER IS REQUIRED PRIOR TO AUTHORIZATION OF PART PRODUCTION
10. CHANGES IN DESIGN COMPOSITION OR PROCESSING FROM THE PART PREVIOUSLY APPROVED FOR PART PRODUCTION REQUIRES PRIOR ENGINEERING APPROVAL
11. GENERAL TOLERANCES ±0.2 mm ALL ONE PLACE DIMENSION, ±0.2 mm ALL TWO PLACE DIMENSION, ±2° ALL ANGULAR DIMENSION
12. FEED THROUGH CONDITION I.E MIN HOLE SIZE TO GIVE 2MM TOTAL CLEARANCE ACROSS THE MAXIMUM DIAMETER
13. 0,3mm MAXIMUM RADIUS PERMISSIBLE ON EDGES AND FILLETS SHOWN AS SHARP PLASTIC PARTS
14. ALL RADIUS 0.5 mm MIN
15. [G] DENOTES GAGE DESIGN: GAGE DESIGNS MUST HAVE SIGNED ENGINEERING APPROVAL PRIOR TO CONSTRUCTION AND WILL BE A CONDITION OF FINAL PART APPROVAL
16. PARTS ARE TO BE FREE OF SCRATCHES, DISCOLORATION, SALT RESIDUE OR OTHER IMPERFECTIONS THAT MAY AFFECT FUNCTION OR FIT OF PART
17. SOURCE IDENTIFICATION MARK, PRODUCTION DATE CODE & FORD ASSEMBLY PART NO. MUST B PERMANENTLY APPLIED ON THE PART WITH 1.5mm LETTER SIZE FROM THE BOTTOM TO THE TOP OF THE CHARACTER AND LEGIBLE WHEREVER PACKAGE SIZE PERMITS OF OTHER AGREEMENTS ARE MADE - NOT APPLICABLE, CARRYOVER PARTS FROM PSA
18. CORPORATE POSITIVE LINE VERSION TRADEMARK MUST BE PERMANENTLY APPLIED ON THE PART WITH 3mm LETTER SIZE FROM THE BOTTOM TO THE TOP OF THE CHARACTER AND LEGIBLE WHEREVER PACKAGE SIZE PERMITS OF OTHER AGREEMENTS ARE MADE NOT APPLICABLE, CARRYOVER PART FROM PSA
19. DRAWING CONFORMS TO AVP- (T401/T406) - 001 REVISION B DATED 20-NOV-01.
20. TERMINAL CAVITY DESIGN ACCORDING DRAWINGS 1M5T-14474-EA OR 95BG-14474-TAA
21. [X] SPC CONTROL ITEM DIMENSION
    NOT APPLICABLE, CARRYOVER PARTS FROM PSA
22. (1) - (27) I.S.I.R. DIMENSION
23. PARTS MUST COMPLY WITH MATERIAL BLACK/GREY BOX PROGRAM WSS-M99P23-B

INTERFACE NOTES:

1. PART MUST CONFORM TO LATEST LEVEL OF USCAR DATED 00/10/03
2. ALL PLASTIC PARTS MUST HAVE MATERIAL INDENTIFICATION SYMBOLS CLEARLY MARKED, WHEREVER PACKAGE SIZE PERMITS
3. GENERAL TOLERANCES: ±0.2mm ALL ONE PLACE DIMENSION, ±0.2mm ALL TWO PLACE DIMENSIONS, ±2° ALL ANGULAR DIMENSIONS
4. ALL RADIUS 0.50 MIN
5. RECOMMENDED TERMINAL MATERIAL :
   Cu ALLOY WITH TENSILE STRENGTH > 600N/mm2
   ELECTRIC CONDUCTANCE > 30 Sm/mm2 (>50% IACS)
6. PIN PLATING DETAILS:
   Ni + Au 1.27 um (POST)
   OR Ni + Sn 90 Pb 3 (Sn = 90%) (POST)
7. RECOMMENDED INTERFACE MATERIAL : MODULUS OF ELASTICITY MINI 5500 MPA (E.G. PBT 15% GLASS FIBER)
8. SEALING SURFACE MUST BE SMOOTH AND FREE OF PARTING LINES
9. PARTS ARE TO BE FREE OF SCRATCHES, DISCOLORATION, SALT RESIDUE OR OTHER IMPERFECTIONS THAT MAY AFFECT FUNCTION OR FIT OF PART

ITEM	DESCRIPTION	COLOR	FORD COMP. PART NO.	FCI COMP. PART NO.	RECYCLING CODE	WEIGHT	ITEMS REQUIRED			
1a	FEMALE HOUSING	BLACK	N/A	211 I 0 031	>PBT<	8.80g			1	
1b	FEMALE HOUSING	GREY	N/A	211 I 8 031	>PBT<	8.80g		1		
1c	FEMALE HOUSING	BLUE	N/A	211 I 6 031	>PBT<	8.80g	1			
1d	FEMALE HOUSING	ORANGE	N/A	211 I 3 033	>PBT<	8.80g				1
2	TPA	YELLOW	N/A	211 M 4 047	>PBT 15 GF<	0.80g	1	1	1	1
(A1) 5	GROMMET	GREEN	N/A	211 M 110	SYLICON RUBBER	2.30g	1	1	1	1
6	INTERFACE SEAL	GREEN	N/A	211 M 097	SYLICON RUBBER	0.55g	1	1	1	
(A3) 6	INTERFACE SEAL	BLUE	N/A	211 M 077	SYLICON RUBBER	0.55g				1

FORD P/N	3M5T-14A464-DGB	3M5T-14A464-EGB	2S6T-14A464-DTB	6C1T-14A464-VDA (A4)
SUPPLIER P/N	211 PC 06 9 S O 059	211 PC 06 9 S 6 059	211 PC 06 9 S 8 059	211 PC 06 9 S O 122
CODING	BLACK	BLUE	GREY	BLACK
(A5) TOLERANCE : ±0.10				 CAVITIES 5 & 6 CLOSED WITHOUT BLIND PLUG COLOUR OF HOUSING ORANGE EVEN FOR CODING BLACK
TOLERANCE : ±0.10				

APPLICABLE COMPONENTS							
ITEM	DESCRIPTION	COLOR	FORD COMP. PART NO. REFERENCE	FCI COMP. PART NO. REFERENCE	MATERIAL SPECIFICATION REFERENCE	APPLICABLE WIRE SIZE [mm2]	MIN/MAX WIRE O.D. [mm]
3	FEMALE TERMINAL	N/A	95BG-14474-VAA	211 CC 2S 1241	1,27 um Au	0,35 / 0,5 / 0,75	1.75 / 2.8
3	FEMALE TERMINAL	N/A	95BG-14474-TAA	211 CC 2S 1240	1,27 um Au	0,35 / 0,5 / 0,75	1.75 / 2.8
3	FEMALE TERMINAL	N/A	95BG-14474-SBA	211 CC 2S 2120	Sn	1,0 / 1,5	1.75 / 2.8
3	FEMALE TERMINAL	N/A	95BG-14474-SAA	211 CC 2S 1120	Sn	0,35 / 0,5 / 0,75	1.75 / 2.8
3	FEMALE TERMINAL	N/A	2S6T-14474-DCA	211 CC 2S 2240	1,27 um Au	1,0 / 1,5	1.75 / 2.8
4	FEMALE TERMINAL	N/A	2S6T-14474-DAA	211 CC 3S 1120	Sn	0,35 / 0,5 / 0,75	1.90 / 3.00
4	FEMALE TERMINAL	N/A	3M5T-14474-RCA	211 CC 3S 2120	Sn	1,0/ 1,5/ 2,0 /2,5	1.90 / 3.00
3	1.5mm FEMALE TERMINAL	N/A	6M5T-14474-AAA	211 CC 2S 0160	Sn	0.22 / 0,35	1.4 / 2.80
3	1.5mm FEMALE TERMINAL	N/A	6M5T-14474-ABA	211 CC 2S 1160	Sn	0.40 / 0.75	1.4 / 2.80
3	1.5mm FEMALE TERMINAL	N/A	6M5T-14474-DCA	211 CC 2S 4160	Sn	0.80 / 1,30	1.4 / 2.80
3	1.5mm FEMALE TERMINAL	N/A	6M5T-14474-DDA	211 CC 3S 2160	Sn	1.35 / 2,00	1.4 / 2.80
4	2.8mm FEMALE TERMINAL	N/A	6M5T-14474-FAA	PP10000382	Sn	0.35 / 0,75	1.4 / 2.80
4	2.8mm FEMALE TERMINAL	N/A	6M5T-14474-GBA	PP10000376	Sn	0.80 / 1,30	1.6 / 3.45
4	2.8mm FEMALE TERMINAL	N/A	6M5T-14474-GCA	PP10000384	Sn	1.35 / 2,50	1.6 / 3.45
(A2) 7	BLIND PLUG	GREEN	2S6T-14A666-AA	210 A 01 5019	PBT	-	-

(A7)

6C1T-14A464-VDA	211 PC 06 9 S O 122	0.5/0,75/1,0/1,5	0,75 / 1,0 / 1,5 / 2,5	-40°C TO +125°C	13g
3M5T-14A464-DGB	211 PC 06 9 S O 059	0.5/0,75/1,0/1,5	0,75 / 1,0 / 1,5 / 2,5	-40°C TO +125°C	12.45g
2S6T-14A464-DTB	211 PC 06 9 S 8 059	0.5/0,75/1,0/1,5	0,75 / 1,0 / 1,5 / 2,5	-40°C TO +125°C	12.45g
3M5T-14A464-EGB	211 PC 06 9 S 6 059	0.5/0,75/1,0/1,5	0,75 / 1,0 / 1,5 / 2,5	-40°C TO +125°C	12.45g
FORD PART	FCI PART	APPLICABLE WIRE SIZE [mm2] FOR TERMINAL SIZE 1,5 mm	APPLICABLE WIRE SIZE [mm2] FOR TERMINAL SIZE 2,8 mm	TEMPERATURE	WEIGHT

LTRS	REVISIONS			
ORIGINATOR	CHECKER	ENGR APP	MATL APP	
INITIAL RELEASED 2S6T-14A464-DTA				
EE00-I-11121123-000		001117		
S.DEUBEL	JM.PELLEGRIN	UWULF3	FCI	
RELEASED 3M5T-14A464-DGA & EGA				
EE00-E-11385605-000		020726		
S.DEUBEL	JM.PELLEGRIN	SRADNIC	FCI	
DRAWING CORRECTIONS				
EE00-E-11468626-000		030218		
S.DEUBEL	JM.PELLEGRIN	SRADNIC	FCI	
RELEASED				
EE00-E-11524615-000		030612		
S.DEUBEL	JM.PELLEGRIN	SRADNIC	FCI	
A1 WAS MAT SEAL RED				
A2 ADDED BLIND PLUG 2S6T-14A666-AA				
A3 ADDED INTERFACE SEAL BLUE				
A4 CORRECTED SUPPLIER COMPONENT PART NO.				
A5 WAS ±0.05				
A6 WAS GRID				
A7 ADDED TERMINAL PART NO: 6M5T-14474-AAA/ABA/DCA/DDA/EAA/GBA/GCA				
RELEASED 2S6T-14A464-DTB, 3M5T-14A464-DGB, 3M5T-14A464-EGB, 6C1T-14A464-VDA				
AELE E 11924342 000		20060818		
FCI	JMUEHLMICHEL	NSRADNIC	FCI	

REFERENCE		MP-3M51-180101-D4_02_C	
PART MUST COMPLY WITH MATERIAL SPECIFICATION WSS-M99P9999-A1 TO HELP SAFEGUARD HEALTH, SAFETY AND THE ENVIRONMENT			
DRAFTED IN ACCORDANCE WITH FORD MOTOR COMPANY ENGINEERING CAD AND DRAFTING STANDARDS CURRENT AT INITIAL RELEASE		3RD ANGLE PROJ DIMENSIONS ARE IN MILLIMETERS	
CAD TYPE I-IDEAS	CAD LOC. METAPH	CAD FILE DRW 2S6T-14A464-DT ;21	CAD IS MASTER
OPER. NO.	UNIT	DRAWING 2S6T-14A464-DTB	
DESIGN FCI	DETAIL FCI	TITLE SLV ASY WIR CONN FEM	SHT 1 OF 1
CHECKED FCI	SAFETY		RH/LH SHOWN
SCALE 2:1	DATE 001117	DIVISION	
		PLANT	

Ford Motor Company

DRW SIZE A0/E

6C1T-14A464-VDA
3M5T-14A464-EGB
3M5T-14A464-DGB
2S6T-14A464-DTB

Archivé le 18/12/06

6-WAY HYBRID SLV ASY WIR CONN