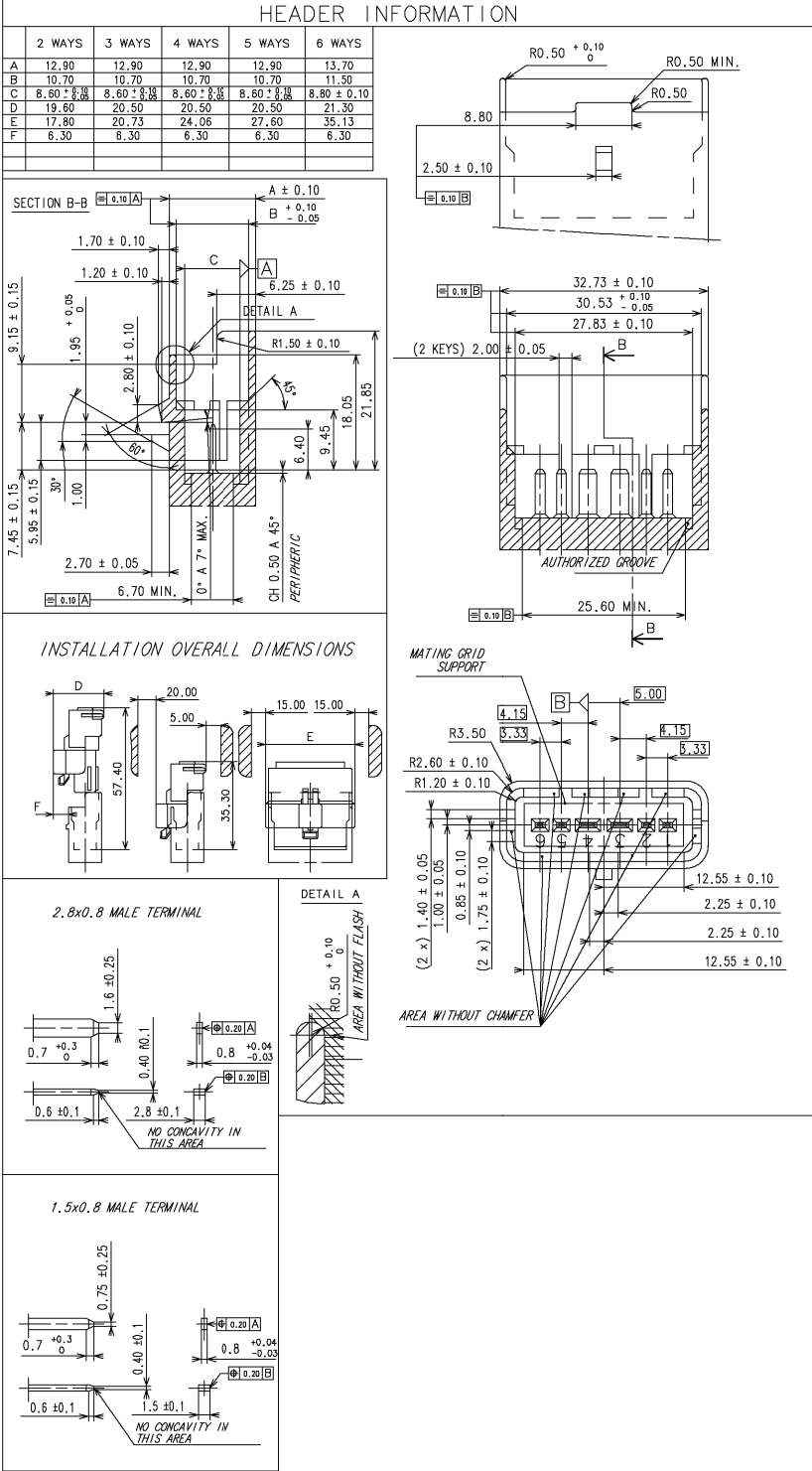
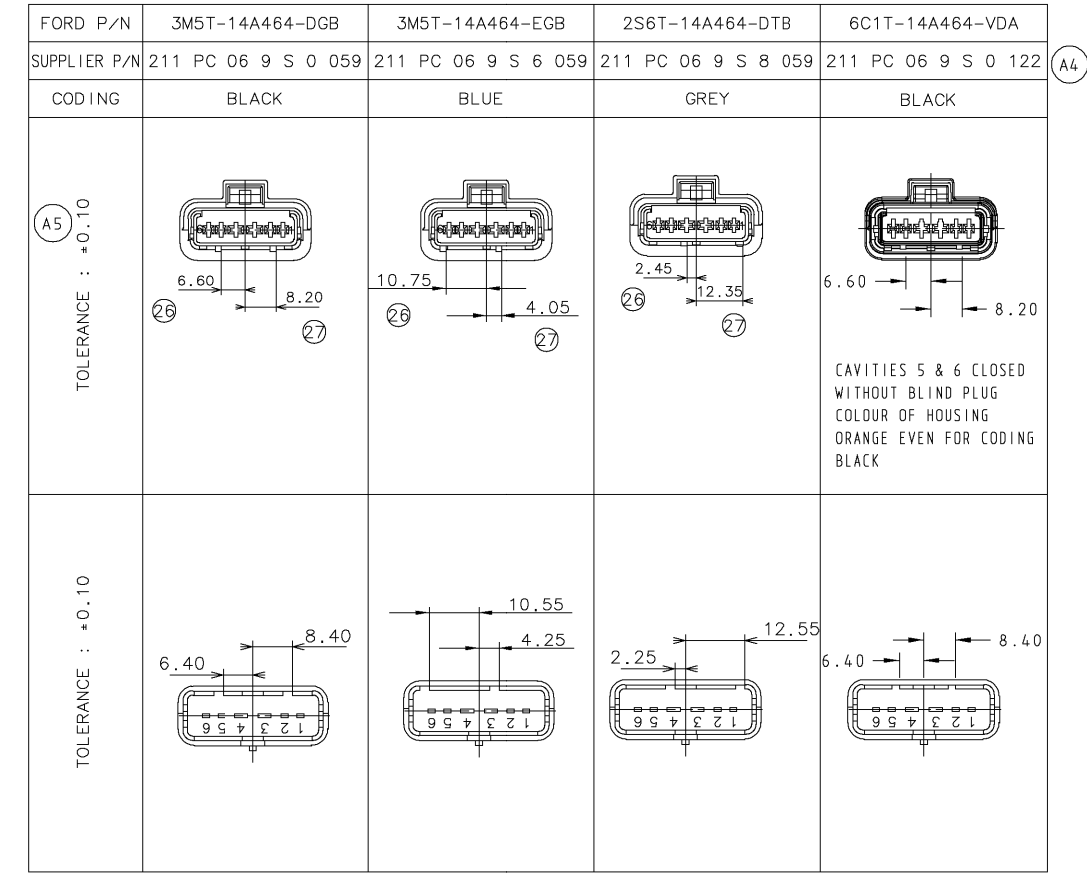




- INTERFACE NOTES:
- PART MUST CONFORM TO LATEST LEVEL OF USCAR DATED 00/10/03
 - ALL PLASTIC PARTS MUST HAVE MATERIAL IDENTIFICATION SYMBOLS CLEARLY MARKED, WHEREVER PACKAGE SIZE PERMITS
 - GENERAL TOLERANCES: ±0.2mm ALL ONE PLACE DIMENSION, ±0.2mm ALL TWO PLACE DIMENSIONS, ±2° ALL ANGULAR DIMENSIONS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



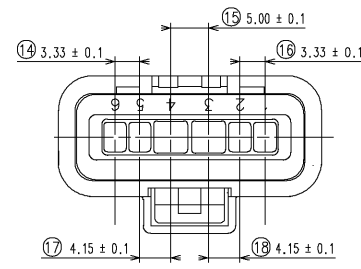
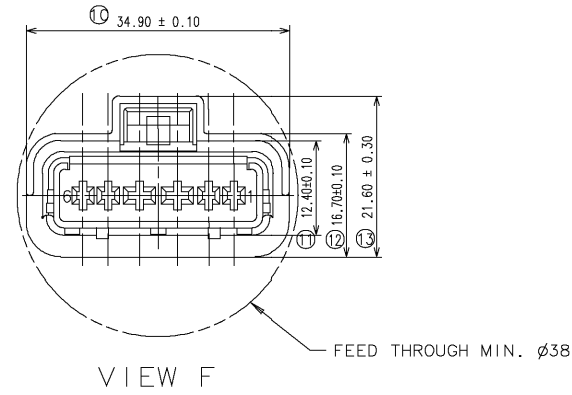
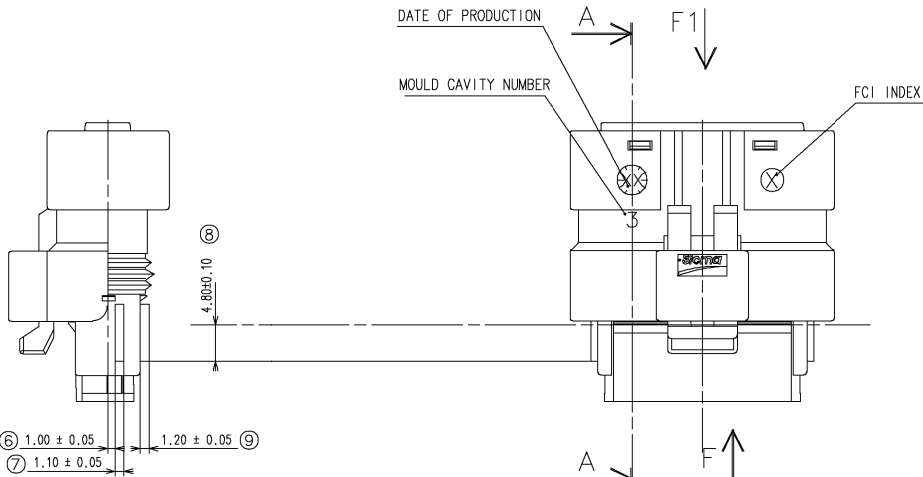
APPLICABLE COMPONENTS						
I T E M	DESCRIPTION	COLOR	FORD COMP. PART NO. REFERENCE	FCI COMP. PART NO. REFERENCE	MATERIAL SPECIFICATION REFERENCE	APPLICABLE WIRE SIZE [mm2]
3	FEMALE TERMINAL	N/A	95BG-14474-VAA	211 CC 2S 1241	1,27 µm Au	0,35 / 0,5 / 0,75
3	FEMALE TERMINAL	N/A	95BG-14474-TAA	211 CC 2S 1240	1,27 µm Au	0,35 / 0,5 / 0,75
3	FEMALE TERMINAL	N/A	95BG-14474-SBA	211 CC 2S 2120	Sn	1,0 / 1,5
3	FEMALE TERMINAL	N/A	95BG-14474-SAA	211 CC 2S 1120	Sn	0,35 / 0,5 / 0,75
3	FEMALE TERMINAL	N/A	2S6T-14474-DCA	211 CC 2S 2240	1,27 µm Au	1,0 / 1,5
4	FEMALE TERMINAL	N/A	2S6T-14474-DAA	211 CC 3S 1120	Sn	0,35 / 0,5 / 0,75
4	FEMALE TERMINAL	N/A	3M5T-14474-RCA	211 CC 3S 2120	Sn	1,0 / 1,5 / 2,0 / 2,5
3	1.5mm FEMALE TERMINAL	N/A	6M5T-14474-AAA	211 CC 2S 0160	Sn	0,22 / 0,35
3	1.5mm FEMALE TERMINAL	N/A	6M5T-14474-ABA	211 CC 2S 1160	Sn	0,40 / 0,75
3	1.5mm FEMALE TERMINAL	N/A	6M5T-14474-DCA	211 CC 2S 4160	Sn	0,80 / 1,30
3	1.5mm FEMALE TERMINAL	N/A	6M5T-14474-DDA	211 CC 3S 2160	Sn	1,35 / 2,00
4	2.8mm FEMALE TERMINAL	N/A	6M5T-14474-FAA	PP10000382	Sn	0,35 / 0,75
4	2.8mm FEMALE TERMINAL	N/A	6M5T-14474-GBA	PP10000376	Sn	0,80 / 1,30
4	2.8mm FEMALE TERMINAL	N/A	6M5T-14474-GCA	PP10000384	Sn	1,35 / 2,50
7	BLIND PLUG	GREEN	2S6T-14A666-AA	210 A 01 5019	PBT	-

(A1)

(A3)

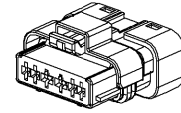
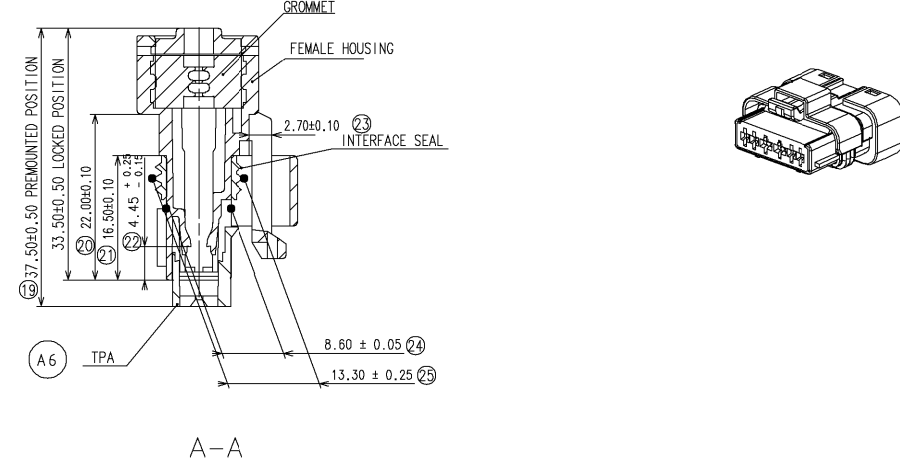
(A2)

(A7)



6C1T-14A464-VDA	211 PC 06 9 S 0 122	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 0 059	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

- NOTES:
- PART MUST CONFORM TO THE ELECTRICAL CONNECTION SYSTEM DESIGN SPECIFICATION (SOS) VER.6 DATED 03-DEC-99 EXCEPT: EL001 / EL0017 / EL0036 / EL0068 / EL0076
 - PART MUST CONFORM TO THE LATEST LEVEL OF USCAR DATED 00/10/03 TBD, CARRYOVER FROM PSA
 - REFERENCE TO ANY OTHER SPECIFICATIONS AND REV LEVEL e.g VDA
 - MAXIMUM INSERTION FORCE FULLY POPULATED WITH TIN TERMINALS = 75N WITH GOLD TERMINALS = 75N
 - TERMINAL EXTRACTION TOOL : REFERENCE 211 S 015 GRID UNLOCKING TOOL : REFERENCE 210 S 040
 - ALL PLASTIC PARTS MUST HAVE MATERIAL IDENTIFICATION SYMBOLS CLEARLY MARKED, WHEREVER PACKAGE SIZE PERMITS
 - FORD MOTOR COMPANY APPROVAL REQUIRED FOR ALL SOURCING AND TOOLING OF THIS PART
 - FOR ENGINEERING APPROVED SOURCE SEE ENGINEERING RELEASE
 - ENGINEERING APPROVAL OF SAMPLE FROM EACH SUPPLIER IS REQUIRED PRIOR TO AUTHORIZATION OF PART PRODUCTION
 - CHANGES IN DESIGN COMPOSITION OR PROCESSING FROM THE PART PREVIOUSLY APPROVED FOR PART PRODUCTION REQUIRES PRIOR ENGINEERING APPROVAL
 - GENERAL TOLERANCES ±0.2 mm ALL ONE PLACE DIMENSION, ±0.2 mm ALL TWO PLACE DIMENSION, ±2° ALL ANGULAR DIMENSION
 - FEED THROUGH CONDITION I.E MIN HOLE SIZE TO GIVE 2MM TOTAL CLEARANCE ACROSS THE MAXIMUM DIAMETER
 - 0.3mm MAXIMUM RADIUS PERMISSIBLE ON EDGES AND FILLETS SHOWN AS SHARP PLASTIC PARTS
 - ALL RADIUS 0.5 mm MIN
 - DENOTES GAGE DESIGN: GAGE DESIGNS MUST HAVE SIGNED ENGINEERING APPROVAL PRIOR TO CONSTRUCTION AND WILL BE A CONDITION OF FINAL PART APPROVAL
 - 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 & FORD ASSEMBLY PART NO. MUST BE 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
 - 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
 - DRAWING CONFORMS TO AVP- (T401/T406) - 001 REVISION B DATED 20-NOV-01.
 - TERMINAL CAVITY DESIGN ACCORDING DRAWINGS 1M5T-14474-EA OR 95BG-14474-TAA
 - ☒ SPC CONTROL ITEM DIMENSION NOT APPLICABLE, CARRYOVER PARTS FROM PSA
 - ① - ②⑦ I.S.I.R. DIMENSION
 - PARTS MUST COMPLY WITH MATERIAL BLACK/GREY BOX PROGRAM WSS-M99P23-B



LTRS	REVISIONS		
	ORIGINATOR	CHECKER	ENGR 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			
AEL E 11924342 000			20060818
FCI	JMUELMICHEL	NSRADNIC	FCI

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REFERENCE	MP-3M51-180101-04_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	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			

6-WAY HYBRID SLV ASY WIR CONN

Archivé le 18/12/06

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

3RD ANGLE PROJ DIMENSIONS ARE IN MILLIMETERS

Mouser Electronics

Authorized Distributor

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