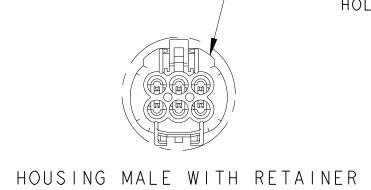


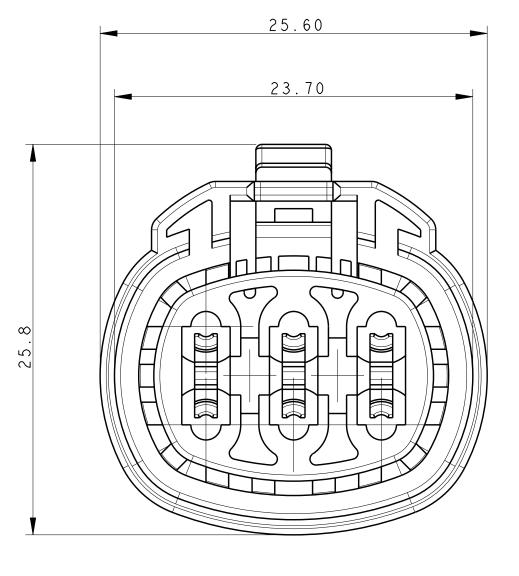
	PART AS SUPPLI	ЕD		COMPONEN	NTS		COLOURS		M	ATERIAL	S	SUIT	FABLE FOR		MAT	ING PARTS
TYCO ELECTRONICS PART N₀.	DESCRIPTION	WATERPROOF	WEIGHT	I 2 HUOSING SPACER	3 SEAL	I HOUSING	2 SPACER	3 SEAL	I HOUSING	2 SPACER	3 SEAL	TERMINAL FEMALE	WIRE SEAL	BLIND PLUG	TYCO ELECTRONICS PART No.	DESCRIPTION
4 -   4 3 7 7   0 - 0	6 WAY MALE CONNECTOR	- YES	10.0 gr.		I		I IGHT BI UF	REDDISH BROWN			SILICONE	0-1437709-9 (0.22-0.35mm <sup>2</sup> ) GOLD PLATED 1-1437709-0 (0.50-1.00mm <sup>2</sup> ) GOLD PLATED 1-1437709-7 (1.50mm <sup>2</sup> ) GOLD PLATED	I-1437713-1 (0.22-0.35) BLACK I-1437713-2 (0.50-1.00) RED			6 WAY FEMALE CONNECT
4 -   4377 0 -	6 WAY MALE CONNECTOR WITH RETAINER		10.8 gr.			BLACK			PBTP	PBTP	ELASTOMER	I-1437709-4 (0.22-0.35mm <sup>2</sup> ) TIN PLATED I-1437709-5 (0.50-1.00mm <sup>2</sup> ) TIN PLATED I-1437709-6 (I.50mm <sup>2</sup> ) TIN PLATED	I-I4377I3-3 (I.50) BLUE	- 4377 3-4	2-1437712-0	WATERPROOF
4 -   4 3 7 7   0 - 2	6 WAY MALE CONNECTOR	- NO	9.8 gr.				RED		33% GF	33% GF		0-1437709-9 (0.22-0.35mm <sup>2</sup> ) GOLD PLATED 1-1437709-0 (0.50-1.00mm <sup>2</sup> ) GOLD PLATED 1-1437709-7 (1.50mm <sup>2</sup> ) GOLD PLATED				6 WAY FEMALE CONNECT
4 -   4 3 7 7   0 - 3	6 WAY MALE CONNECTOR WITH RETAINER		10.6 gr.									I-I437709-4 (0.22-0.35mm²) TIN PLATED I-I437709-5 (0.50-I.00mm²) TIN PLATED I-I437709-6 (I.50mm²) TIN PLATED				NON WATERPROOF
	PART AS SUPPLI	FD		COMPONEN	ITS		COLOURS		M	ATERIAL	S	SILL S	TABLE FOR		MAT	ING PARTS
TYCO ELECTRONICS PART No.		WATERPROOF	WEIGHT	HUOSING SPACER	3	I HOUSING	2 SPACER	3 SEAL	I HOUSING	2 SPACER	3 SEAL	TERMINAL FEMALE	WIRE SEAL	BLIND PLUG	TYCO ELECTRONICS PART No.	DESCRIPTION
0 -   4   8093 - 3	6 WAY MALE CONNECTOR	VE S	10.0 gr.		I		LIGHT BUUE	REDDISH BROWN			SILICONE	0-1437709-9 (0.22-0.35mm <sup>2</sup> ) GOLD PLATED 1-1437709-0 (0.50-1.00mm <sup>2</sup> ) GOLD PLATED 1-1437709-7 (1.50mm <sup>2</sup> ) GOLD PLATED	- 4377 3-  (0.22-0.35) BLACK  - 4377 3-2 (0.50-  00) RED			6 WAY FEMALE CONNECT
0 -   4   8093 - 3 4 -   4377   0 - 4	6 WAY MALE CONNECTOR 6 WAY MALE CONNECTOR WITH RETAINER	- YES				ΝΔΤΠΡΛΙ	LIGHT BLUE	REDDISH BROWN	РВТР	РВТР	SILICONE ELASTOMER	I-1437709-0 (0.50-1.00mm <sup>2</sup> ) GOLD PLATED	- 4377 3-  (0.22-0.35) BLACK  - 4377 3-2 (0.50- .00) RED  - 4377 3-3 ( .50) BLUE	1 - 1 / 37713 - /	2 - 1 / 3 7 7 1 2 - 1	6 WAY FEMALE CONNECT WATERPROOF
	6 WAY MALE CONNECTOR	- YES	gr.			NATURAL	LIGHT BLUE	REDDISH BROWN	PBTP 33% GF	PBTP 33% GF	SILICONE ELASTOMER	I-I437709-0 (0.50-I.00mm <sup>2</sup> ) GOLD PLATED I-I437709-7 (I.50mm <sup>2</sup> ) GOLD PLATED I-I437709-4 (0.22-0.35mm <sup>2</sup> ) TIN PLATED I-I437709-5 (0.50-I.00mm <sup>2</sup> ) TIN PLATED	I-1437713-2 (0.50-1.00) RED	1 - 1 4 3 7 7 1 3 - 4	2-1437712-1	

Pro/ENGINEER DRAWING

— Ø29.00 MINIMUM CLEARANCE HOLE (REF)



FULL SIZE VIEWS SCALE I.000



SPACER NOTES

	M	ATERIA	_S	SUI <sup>-</sup>	TABLE FOR			
3 SEAL	I HOUSING	2 SPACER	3 SEAL	TERMINAL FEMALE	WIRE SEAL	BLIND P		
REDDISH BROWN	РВТР	РВТР	SILICONE ELASTOMER	0-1437709-9 (0.22-0.35mm <sup>2</sup> ) GOLD PLATED 1-1437709-0 (0.50-1.00mm <sup>2</sup> ) GOLD PLATED 1-1437709-7 (1.50mm <sup>2</sup> ) GOLD PLATED 1-1437709-4 (0.22-0.35mm <sup>2</sup> ) TIN PLATED 1-1437709-5 (0.50-1.00mm <sup>2</sup> ) TIN PLATED 1-1437709-6 (1.50mm <sup>2</sup> ) TIN PLATED	- 4377 3-  (0.22-0.35) BLACK  - 4377 3-2 (0.50- .00) RED  - 4377 3-3 ( .50) BLUE			
	33% GF	33% GF		0-1437709-9 (0.22-0.35mm <sup>2</sup> ) GOLD PLATED 1-1437709-0 (0.50-1.00mm <sup>2</sup> ) GOLD PLATED 1-1437709-7 (1.50mm <sup>2</sup> ) GOLD PLATED 1-1437709-4 (0.22-0.35mm <sup>2</sup> ) TIN PLATED 1-1437709-5 (0.50-1.00mm <sup>2</sup> ) TIN PLATED 1-1437709-6 (1.50mm <sup>2</sup> ) TIN PLATED		1-14377		
	MATERIALS			SUITABLE FOR				



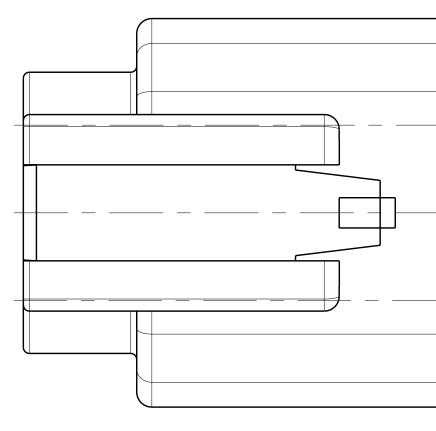
4

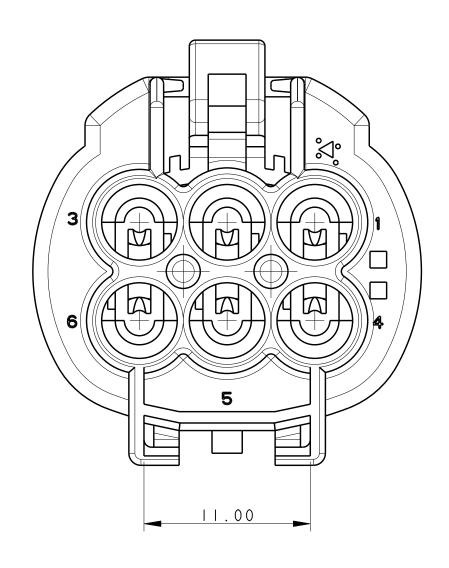
- Ø27.00 MINIMUM CLEARANCE HOLE (REF)

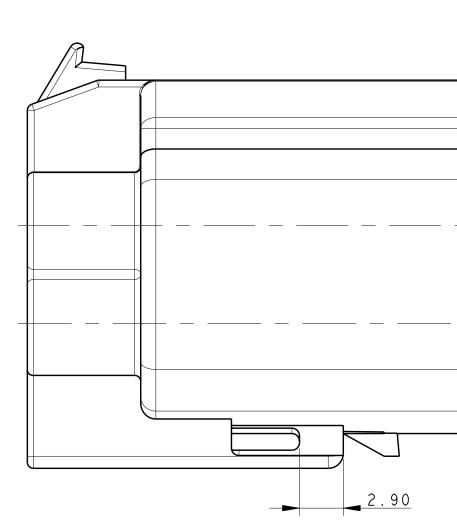
HOUSING MALE WITHOUT RETAINER

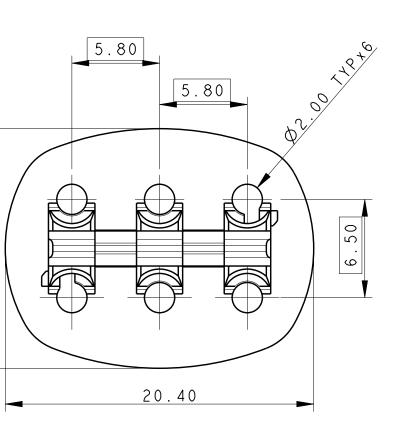
# HOUSING WITH RETAINER

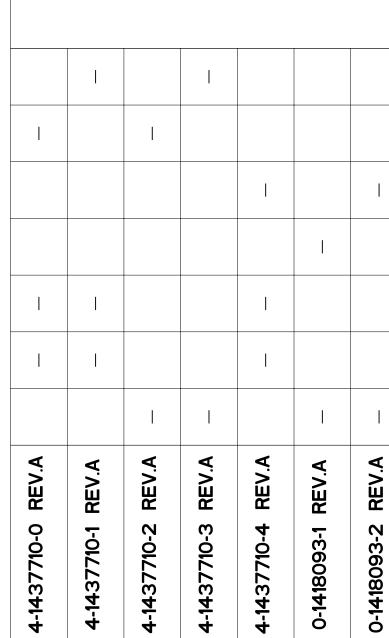
WATERPROOF / NON WATERPROOF

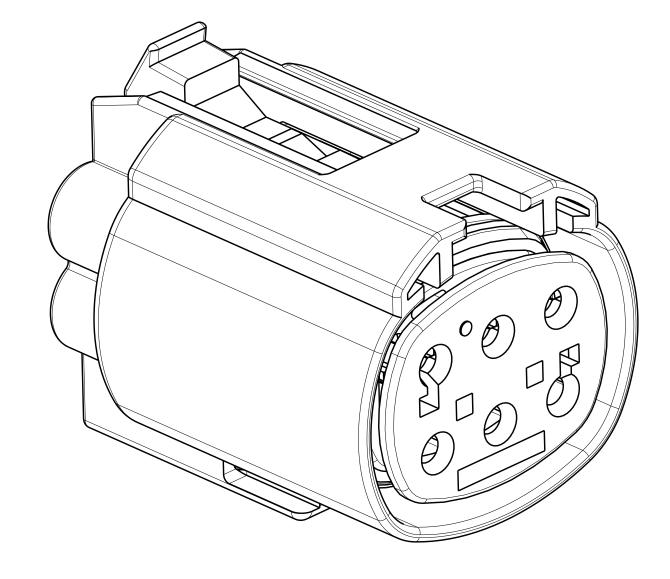


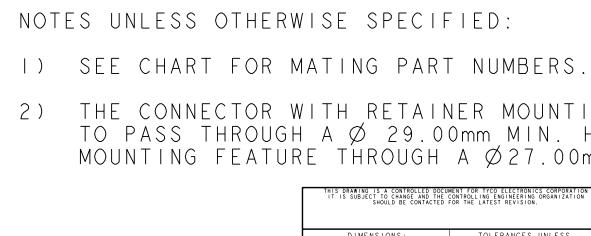






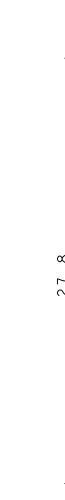


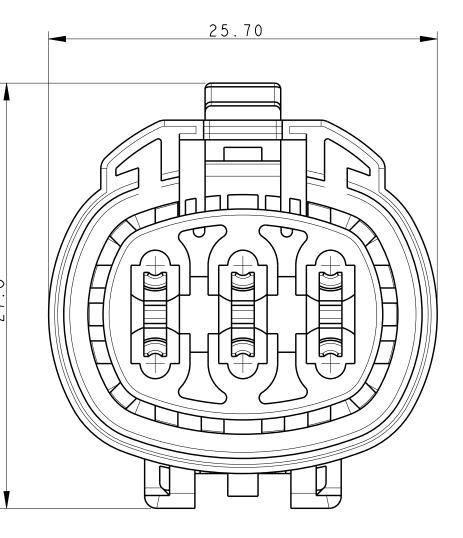




LOC		DIST		REVISIONS						
		-	Р	LTR	DESCRIPTION	DATE	DWN	APVD		
				AI	EG00-2683-0I	07FEB2002	CLD	JE		
				A2	EG00-3705-01, DRW REVISED, SEALS UPDATED	07FEB2002	SS	JE		
				A 3	EG00-0399-02, ADD NATURAL VERSION	07FEB2002	CLD	JE		
				A 4	REDRAWN REVISED FOR ECR06-003008	21FEB2006	М.Р.	R.M.		
				Α5	REDRAWN FOR ECR-08-011583	16MAY2008	D.S.	R.M.		







	DESCRIPTION	ITEM
	HOUSING WITH RETAINER (BLACK)	
	HOUSING WITHOUT RETAINER (BLACK)	I
	HOUSING WITH RETAINER (NATURAL)	I
	HOUSING WITHOUT RETAINER (NATURAL)	I
	SEAL (REDDISH BROWN)	2
	SPACER (LIGHT BLUE)	3
	SPACER (RED)	3
 Α./		,

2) THE CONNECTOR WITH RETAINER MOUNTING FEATURE IS DESIGNED TO PASS THROUGH A Ø 29.00mm MIN. HOLE AND WITHOUT RETAINER MOUNTING FEATURE THROUGH A Ø27.00mm MIN HOLE.

	MENT FOR TYCO ELECTRONICS CORPORATION CONTROLLING HOSINERTING ORGANIZATION FOR THE LATEST REVISION.	DWN 21FEB2006 <u>М. РАLMA</u> СНК 21FEB2006 - R. MARTINI	Tyco Electronics AMP Italia S.p.A. <b>Example 2</b> Tyco Electronics C.so F.lli Cervi 15, Collegno (TO)
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC $\pm$ - 1 PLC $\pm$ 0,3 2 PLC $\pm$ 0,1 3 PLC $\pm$ -	APVD 2IFEB2006 A. GENTA PRODUCT SPEC 108-20269 APPLICATION SPEC	I.6mm SYSTEM 6 WAYS CONNECTOR MALE
MATERIAL SEE TABLI	4 PLC ±- ANGLES ±1° Š <sup>INISH</sup> -	411-20111 WEIGHT SEE TABLES CUSTOMER DRAWING	SIZE CAGE CODE DRAWING NO RESTRICTED TO   A () 00779 C=1418075 -   SCALE 4:1   SCALE SHEET I 2 REV   A 5

8			7	
THIS DRAWING IS UNPUBLISHED.	RELEASED FOR PUBLICATION	2001		
C COPYRIGHT 2001 BY TYCO ELECTRONICS CO	RPORATION. ALL RIGHTS RESERVED.			

AMP 4806 REV 31MAR2000

6 WAYS MALE, (WATERPROOF VERSION	V
ASSEMBLY	
T&B UNIVERSAL PART N₀	
TYCO ELECTRONICS PART No.	
T&B FORD PART No	
FORD PART No	
TYCO ELECTRONICS PART No.	

OBSOLETE, SUPERSEDED BY 4-1437710-1

## 6 WAY MALES, NA (WATERPROOF VERSION W

ASSEMBLY T&B UNIVERSAL PART N⊙ TYCO ELECTRONICS PART No.

T&B FORD PART No FORD PART No TYCO ELECTRONICS PART No. 4-1437710-4

### E, BLACK I WITH RETAINER)

106067
<u> </u>
MPIKA-IOR6XX
89FG - I 4A464 - BFC
4 -   4377 0 -

6

NATURAL WITH RETAINER)						
_						
-						
MPIKA-NOR6XX						

89FG-14A464-BFC

6 WAYS MALE, BLACK (WATERPROOF VERSION WITHOUT RETAINER)					
ASSEMBLY					
T&B UNIVERSAL PART No	106065				
TYCO ELECTRONICS PART No.	2   -   447338 -				
T&B FORD PART No	MP   K A -   0 0 6 X X				
FORD PART No	89FG-14A464-AFB				
TYCO ELECTRONICS PART No.	4 -   4377 0 - 0				
2 OBSOLETE, SUPERSEDE	D BY 4-1437710-0				

5

6 WAYS MALE, NATURAL (WATERPROOF VERSION WITHOUT RETAINER)					
ASSEMBLY					
T&B UNIVERSAL PART N⊙	-				
TYCO ELECTRONICS PART No.	-				
T&B FORD PART No	MP   K A - N 0 0 6 X X				
FORD PART N⊙	89FG - I 4A464 - AFB				
TYCO ELECTRONICS PART No.	0 -   4   8093 - 3				

6 WAYS MALE, BLACK (NON-WATERPROOF VERSION WITH RETAINER)							
ASSEMBLY							
T&B UNIVERSAL PART N⊙	106068						
TYCO ELECTRONICS PART No.	-						
T&B FORD PART N₀	MPIKA-IAR6XX						
FORD PART No	89FG-14489-BFC						
TYCO ELECTRONICS PART No.	4 -   4 3 7 7   0 - 3						

3

4

	2											
		LOC	DIST		TD		REVISIO			DWA		
				P LT		SEE SHEET I	DESCRIPTI	ON	DATE -	DWN -	APVD -	
												D
6 WAYS MALE, (NON-WATERPROOF VERSION	BLACK WITHOUT RETAINER)											
ASSEMBLY												
T&B UNIVERSAL PART No	106066											
TYCO ELECTRONICS PART No.	-											
T&B FORD PART No	ΜΡΙΚΑ-ΙΑΟ6ΧΧ											
FORD PART No	89FG - I 4489 - AFB											
TYCO ELECTRONICS PART No.	4 -   4 3 7 7   0 - 2											
6 WAYS MALE,	NATURAL											
(NON-WATERPROOF VERSION	WITHOUT RETAINER)											
ASSEMBLY												
T&B UNIVERSAL PART N⊙	106066											
TYCO ELECTRONICS PART No. T&B FORD PART No												
FORD PART No	MP   K A - N A O 6 X X 8 9 F G - I 4 4 8 9 - A F B											
TYCO ELECTRONICS PART No.	0-1418093-1											
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												В

6 WAYS MALE, (NON-WATERPROOF VERSIO	
ASSEMBLY	
T&B UNIVERSAL PART N⊙	-
TYCO ELECTRONICS PART No.	-
T&B FORD PART No	MPIKA-NAR6XX
FORD PART No	89FG-14489-BFC
TYCO ELECTRONICS PART No.	0- 4 8093-2

		2												
			LOC	DIST					REVISION	<b>)</b>			1.0.10	
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					Į									-
	6 WAYS MALE,	BLACK												
	(NON-WATERPROOF VERSION	WITHOUT RETAINER)												
	SSEMBLY													
	&B UNIVERSAL PART No	106066												
	YCO ELECTRONICS PART No.	-												
	&B FORD PART No	MPIKA-IAO6XX												
	ORD PART No	89FG-14489-AFB												
[['	YCO ELECTRONICS PART No.	4 -   4377 0 - 2												
														-
[			]											
	6 WAYS MALE,													
	(NON-WATERPROOF VERSION	N WITHUUT KETAINER)												
	「&B UNIVERSAL PART No	106066												
-	TYCO ELECTRONICS PART No.													
	F&B FORD PART N⊙ FORD PART N⊙	MPIKA-NAO6XX												
	TYCO ELECTRONICS PART No.	89FG - I 4489 - AFB 0 - I 4 I 8093 - I												
	TICO ELECTIONICS FAILT NO.	0-1410093-1												
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THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ONGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION. CHK 21FEB2006 **Tyco Electronics** C.so F.Ili Cervi 15, Collegno (TO) Tyco Electronics AMP Italia S.p.A.  $-\frac{\frac{1}{R}}{R}$  MARTINI - 21FEB2006 DIMENSIONS: MM TOLERANCES UNLESS OTHERWISE SPECIFIED: A. GENTA PRODUCT SPEC I.6mm SYSTEM 6 WAYS CONNECTOR MALE APPLICATION SPEC ±0,3 ±0,1 ±-ZE CAGE CODE DRAWING NO 4 | | - 2 0 | | | 4 PLC () 00779 C-1418075 MATERIAL SEE TABLE weight see tables CUSTOMER DRAWING E 4: 1 SHEET 2 OF 2 REV A5

#### **Mouser Electronics**

Authorized Distributor

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TE Connectivity: 4-1437710-0