

OPTION "F"

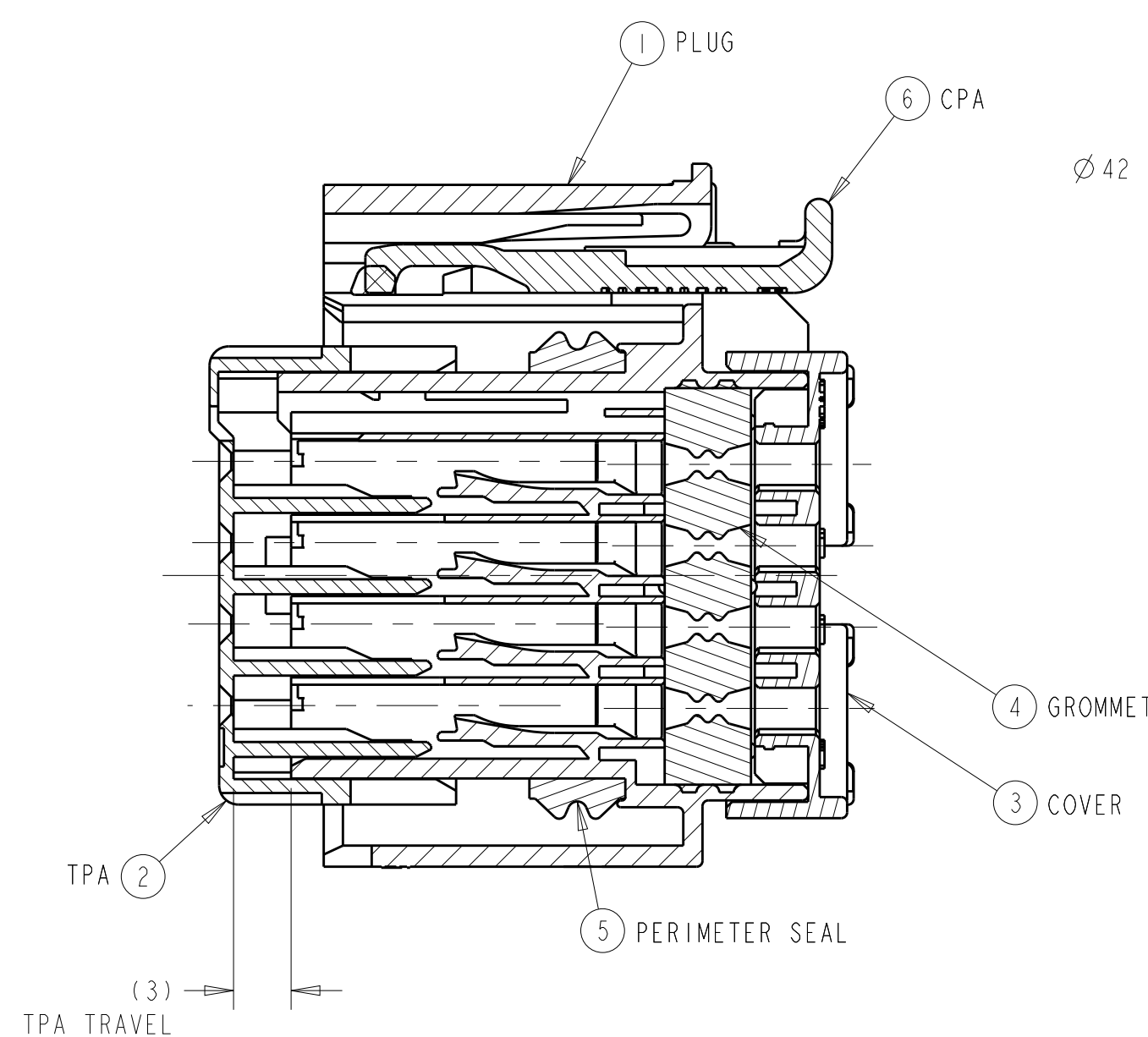
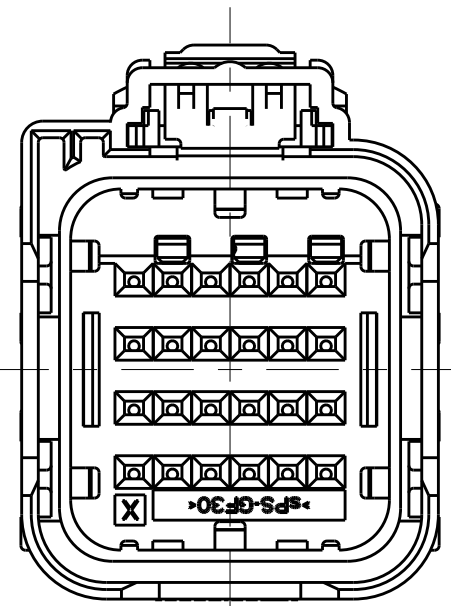
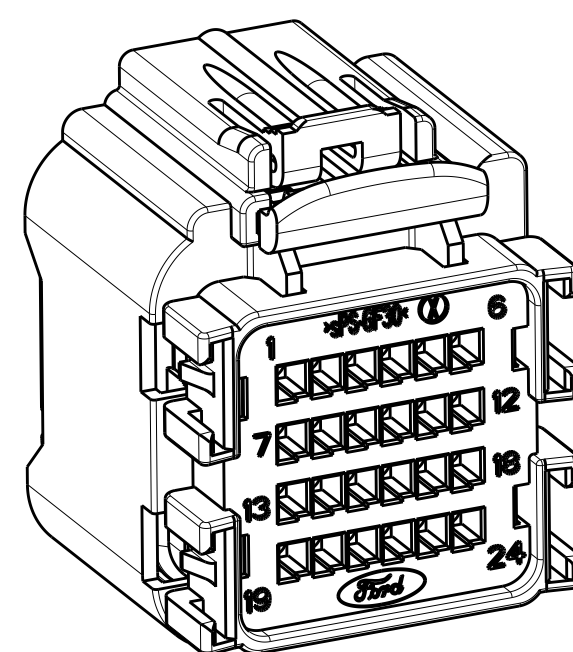


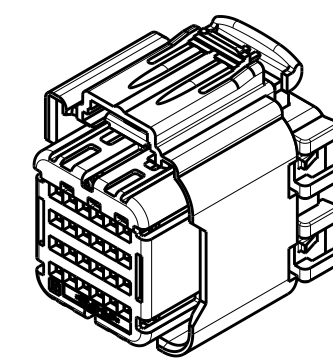
Diagram illustrating the rear of the PS6F30 control unit, showing the terminal block connections. The unit is labeled "PS6F30" and "Ford". The terminal block is numbered 1 through 24. A dimension line indicates a distance of $\varnothing 42$ MIN from the center of the unit to the edge of the terminal block.

MINIMUM FEED THROUGH CONDITION
WITH 1mm CLEARANCE ALL AROUND
SHOWN WITH OPTION WIRESHIELD

1. APPLICABLE TERMINAL PART NUMBERS (SOLD SEPARATELY):
FOR TIN APPLICATIONS: 1393367 AND 1393366.
FOR GOLD APPLICATIONS: 1393365 AND 1393364.
FOR TERMINATION AND REELING OPTIONS
SEE DRAWINGS 1393367, 1393366, 1393365, AND 1393364.
2. COMPATIBLE WIRE SIZES FOR MAT SEAL DESIGN 1.19 TO 2.06 O.D.
(22-18 AWG, 0.35-0.75 mm²)
3. TPA IS SHIPPED IN IT'S PRE-LOADED POSITION. ALL ASSEMBLIES ARE
TO BE TRAY PACKAGED.
4. CUSTOMER PART NUMBER AND TRACEABILITY CODE (YY = TWO DIGIT YEAR,
JJJ = JULIAN DAY, HH = TWO DIGIT MILITARY HOUR, A = ASSEMBLY
PROCESS USED) ARE PRINTED IN THIS LOCATION.
5. PART ASSEMBLY WEIGHT WITHOUT TERMINALS AND WITH STANDARD PIN-OUT
CONFIGURATION IS 14.39 GRAMS.
6. OPTIONAL WIRESHIELD P/N 7-1419157-8 (SOLD SEPARATELY). PLEASE CONTACT
YOUR TE SALES REPRESENTATIVE FOR AVAILABILITY AND PRICING.



SCALE 2:1

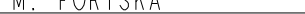


SCALE 1:1

[illegible]

6	CPA	PBT 15% GF	RED
5	PERIMETER SEAL	SILICONE	GREEN
4	GROMMET	SILICONE	BROWN
3	COVER	PA66 35% GF	BLACK
2	TPA WITH 3 SHORTING BAR POSITIONS CONFIGURATION	sPS 30% GF	RED
1	PLUG WITH KEYING OPTION "F" AND 3 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
1	PLUG WITH KEYING OPTION "E" AND 3 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
1	PLUG WITH KEYING OPTION "D" AND 3 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
1	PLUG WITH KEYING OPTION "C" AND 3 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	NATURAL
1	PLUG WITH KEYING OPTION "B" AND 3 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
1	PLUG WITH KEYING OPTION "A" AND 3 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	GRAY
ITEM	DESCRIPTION	MATERIAL	FINISH/COLOR

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. FORISKA 16APR2002 CWR M. FORISKA 16APR2002 APVD A. VALASEK 16APR2002		 TE Connectivity	
DIMENSIONS: mm 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.03 1 PLC ±.03 3 PLC ±.03 4 PLC ±.03 ANGLES ±3° FINISH -		NAME 24 WAY ARM, PLUG ASSEMBLY WITHOUT SHORTING BARS, CUSTOMER SPEC.		
	PRODUCT SPEC APPLICATION SPEC		SIZE CASE CODE DRAWING NO A1 00779 C-3-1419157-9		
MATERIAL SEE CHART ABOVE		WEIGHT SEE NOTE 5		RESTRICTED TO CUSTOMER DRAWING SCALE 3:1 SHEET 1 OF 3 REV BK	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG M FORISKA 16APR2002 CHK M FORISKA 16APR2002 REV'D A VALASKA 16APR2002	 TE Connectivity	
DIMENSIONS: mm		NAME 24 WAY ARM, PLUG ASSEMBLY WITHOUT SHORTING BARS, CUSTOMER SPEC.		
		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±.1 4 PLC ±.1		
MATERIAL - SEE CHART ABOVE		APPLICATION SPEC - SIZE CASE CODE DRAWING NO. RESTRICTED TO A1 00779 C=3-1419157-9 -		
		CUSTOMER DRAWING SCALE 3:1 SHEET 2 OF 3 REV BK		

PIN-OUT CHART																										
1	2	3	4	5		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21				1-1438103-5	KEY "A"	
1	2			5	6	7	8			11	12			15	16	17	18			21	22	23			1-1438356-2	KEY "D"
	2	3	4	5	6						12	13	14	15	16		18	19		21	22	23	24		2-1438095-3	KEY "B"
			4	5	6					10	11	12			16	17	18				22	23	24		1-1438103-4	KEY "A"
1						7				10	11	13			16	17	18	19			22	23	24		1438582-3	KEY "E"
1	2	3				7	8	9	10	11		13	14	15	16	17	18	19	20	21	22	23	24		1-1438356-1	KEY "D"
	2			5	6						11	12	13	15			18	19			22	23	24		1-1438096-4	KEY "C"
	2			5	6						11	12	13	14	15		18	19		21	22	23	24		1-1438103-3	KEY "A"
1	2	3				7			10	11		13			16	17	18	19	20	21	22	23	24		1-1438356-0	KEY "D"
	2	3	4	5	6	7	8				12	13	14	15	16		18	19		21	22	23	24		2-1438095-2	KEY "B"
	2	3	4	5	6						12	13	14	15	16		18	19		21	22	23	24		1-1438096-3	KEY "C"
	2			5	6					11	12	13			16		18						24		1-1438096-2	KEY "C"
	2			5	6					11	12	13		15	16		18	19			22	23	24		1-1438096-1	KEY "C"
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																									1438583-1	KEY "F"
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																									1438582-1	KEY "E"
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	2	3	4	5	6					11	12		14		16		18						24		2-1438095-0	KEY "B"
	2	3	4	5	6						12	13		15	16		18	19			22	23	24		1-1438095-9	KEY "B"
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	2	3	4	5	6					11	12		14		16		18			21			24		1-1438095-8	KEY "B"
					6						12	13	14	15	16		18	19	21	22	23	24			1-1438095-7	KEY "B"
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1	2	3				7	8	9				13	14	15		17		19	20	21					2-1438103-0	KEY "A"
																									1438356-9	KEY "D"
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1	2			5	6	7	8			11	12			15	16						22	23			1438103-9	KEY "A"
				6						11	12			16		18							24		1-1438095-6	KEY "B"
				6							12	13	14	15	16		18	19			22	23	24		1-1438095-5	KEY "B"
				6							12	13	14		16		18						24		1-1438095-4	KEY "B"
				5	6					11	12			15	16	18			21	22	23				1438356-7	KEY "D"
				5	6					11	12			15	16	17	18			21	22	23			1438356-6	KEY "D"
				5	6					11	12			15	16	17	18			21	22	23			1438356-5	KEY "D"
				5	6	7	8	9	10	11	12			15	16	17	18			21	22	23			1438356-4	KEY "D"
				5	6					11	12			15	16	18			21	22	23				1-1438095-3	KEY "B"
				5	6					11	12			15	16						22	23			1-1438095-2	KEY "B"
										11		13				17	18	19	20	21	22	23	24		1438103-8	KEY "A"
				5	6					11	12										22	23			1438356-3	KEY "D"
																						23			1-1438095-1	KEY "B"
1	2	3	4	5	6										16		18				23				1-1438096-0	KEY "C"
1	2	3	4	5	6	7	8	9	10						16		18					23			1438096-9	KEY "C"
1	2	3	4	5	6												18				22	23			1438096-8	KEY "C"
1	2	3				7	8	9	10	11		13	14	15	16	17	18	19	20	21	22	23	24		1438096-7	KEY "C"
1	2	3	4	5	6										16		18				22	23			1438096-4	KEY "C"
	1	2	3	4	5	6					11		13						19	20	21	22			1438096-3	KEY "C"
	1	2	3	4	5	6											18								1438096-2	KEY "C"
	1	2	3	4	5	6											17				22	23			1-1438095-0	KEY "B"
	1	2	3	4	5	6										16	17				22	23			1438095-9	KEY "B"
	1	2	3	4	5	6											17				22				1438095-8	KEY "B"
	1	2	3	4	5	6										16	17				22				1438095-7	KEY "B"
				6						11	12		14		16		18			21			24		1438095-6	KEY "B"
1	2	3	4	5	6																22	23			1438095-5	KEY "B"
	2	3				6	7	8			12	13		15	16		18	19	21	22	23	24			1438095-3	KEY "B"
				6							12	13		15	16		18	19			22	23	24		1438095-4	KEY "B"
1	2	3	4	5	6																22				1438095-2	KEY "B"
				5	6																22	23			1438356-2	KEY "D"
				5	6						11	12		15	16		18		21	22	23				1438103-7	KEY "A"
				5	6						11	12		15	16		18				22	23			1438103-6	KEY "A"
1						7				11		13				17	18	19			22	23	24		1438103-5	KEY "A"
	2	3	4	5	6						12	13	14	15	16		18	19	21	22	23	24			1438103-4	KEY "A"
1						7				11		13						19			22				1438096-5	KEY "C"
1						7			10	11		13			16			19			22				1438103-3	KEY "A"
1	2	3	4	5	6										17										1438103-2	KEY "A"
1	2	3	4	5	6																				7-1419157-7	KEY "A"
1	2	3				7	8	9		11		13	14	15		17	18	19	20	21	22	23	24		1438096-6	KEY "C"
																									1438103-1	KEY "A"
																									1438356-1	KEY "D"
																									4-1419171-1	KEY "C"
																									4-1419171-0	KEY "B"
																									3-1419171-9	KEY "A"
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		ASSEMBLY PART NUMBER	PLUG KEYING OPTION

[illegible]

BLANK CAVITIES INDICATE
OPEN TERMINAL HOLE POSITIONS

DWN	M. FORISKA	16APR2002
CHK	M. FORISKA	16APR2002

APVD	16APR2002	NAME
A. VALASEK		
PRODUCT SPEC		

-	PLUG AS
APPLICATION SPEC	

	-	SIZE	CAGE
WEIGHT	-	A 1	00

CUSTOMER DRAWING			
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NAME	24 WAY ARM, PLUG ASSEMBLY WITHOUT SHORTING BARS, CUSTOMER SPEC.
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SCALE	3:1	SHEET	3	OF	3	REV	
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DWN M FORISKA 16APR2002

CHK 16APR2002
M FORLSKI

APVD 16APR2002

A. VALASER
PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

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3.1	3	3
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