

OPTION "B"

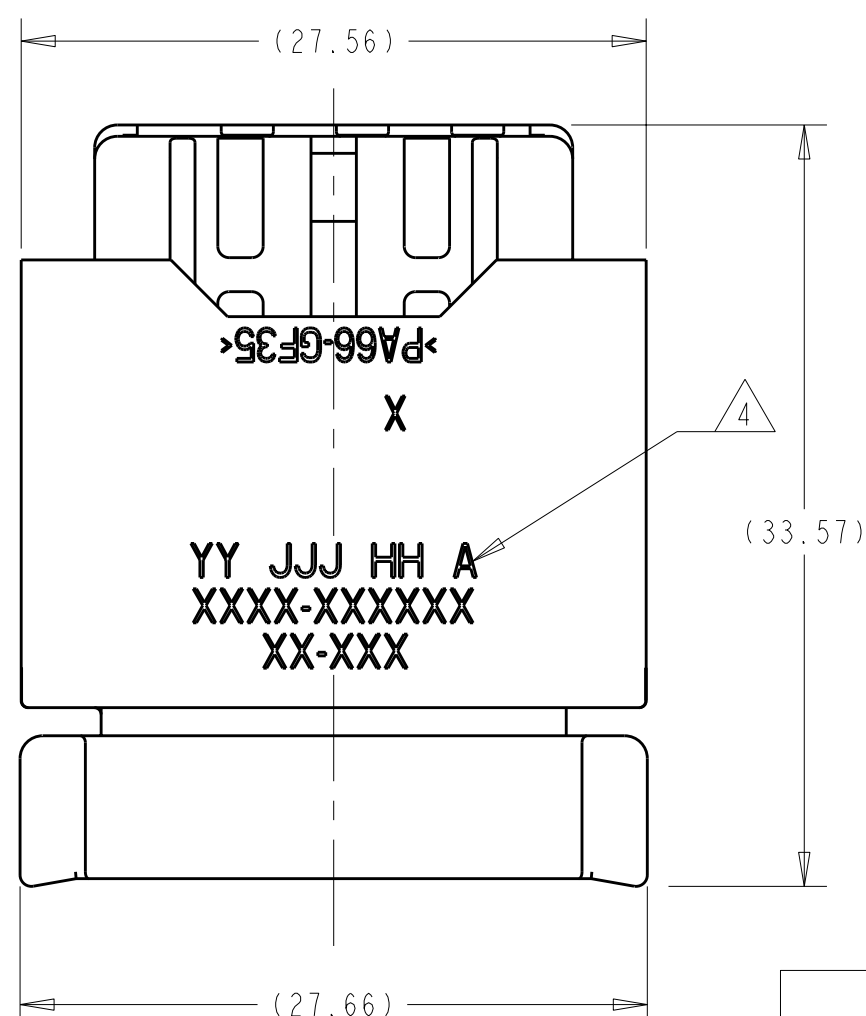


Diagram illustrating the components of a mechanical assembly, likely a pump or valve, showing a cross-section. The components are labeled with numbers 1 through 7:

- 1. PLUG
- 2. TPA TRAVEL (indicated by arrows and the label (3) below)
- 3. COVER
- 4. GROMMET
- 5. PERIMETER SEAL
- 6. SHORTING BAR
- 7. CPA (OPTIONAL)



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 I.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 TYCO ELECTRONICS SALES REPRESENTATIVE FOR AVAILABILITY AND PRICING.

[illegible]

	CPA	PBT-GF15	RED
	SHORTING BAR	S.S.	SEE COMPONENT DRAWING
	PERIMETER SEAL	SILICONE	GREEN
	GROMMET	SILICONE	BROWN
	COVER	PA66 35% GF	BLACK
3	TPA WITH SHORTING BAR POSITIONS CONFIGURATION	sPS 30% GF	NATURAL
3	PLUG WITH KEYING OPTION "F" AND SHORTING BAR POSITIONS CONFIGURATION	PA66 30% GF	BLACK
3	PLUG WITH KEYING OPTION "E" AND SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
3	PLUG WITH KEYING OPTION "C" AND SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
3	PLUG WITH KEYING OPTION "A" AND SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
3	PLUG WITH KEYING OPTION "D" AND SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
3	PLUG WITH KEYING OPTION "C" AND SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	NATURAL
3	PLUG WITH KEYING OPTION "B" AND SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK
3	PLUG WITH KEYING OPTION "A" AND SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	GRAY
M	DESCRIPTION	MATERIAL	FINISH/COLOR



THIS DRAWING IS A CONTROLLED DOCUMENT.				DWG R_VESTAL 24JUL2007		 TE Connectivity									
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:				CHK M_WELLINSKY 24JUL2007		NAME							
mm						REVISED BY M_WELLINSKY 24JUL2007		24 WAY ARM PLUG ASSEMBLY WITH SELECT LOAD SHORTING BARS CUSTOMER SPEC.							
		Ø P L C ± . Ø H ± . Ø I ± . Ø J ± . ANGLES ° ± . FINISH -				PRODUCT SPEC									
MATERIAL		WEIGHT				APPLICATION SPEC		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
SEE CHART ABOVE		SEE-NOTE 5						A1		00779		C=1924674		-	
		CUSTOMER DRAWING						SCALE		3:1		SHEET		I OF 5	
														REV S	

LOC	DIST	REVISIONS					
FX	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

ASSEMBLY PART NUMBERS																																			
2098376-1																											1924686-1	1924685-1	1924684-1	1924683-1	1924682-1				
I																											I	I	I	I	I	7	CPA	PBT-GF15	RED
I																											I	I	I	I	I	6	SHORTING BAR	S.S.	SEE COMPONENT DRAWING
I																											I	I	I	I	I	5	PERIMETER SEAL	SILICONE	GREEN
I																											I	I	I	I	I	4	GROMMET	SILICONE	BROWN
I																											I	I	I	I	I	3	COVER	PA66 35% GF	BLACK
I																											I	I	I	I	I	2	TPA WITH 3 SHORTING BAR POSITIONS CONFIGURATION	sPS 30% GF	NATURAL
I																															I	3 SHORTING BAR POSITIONS CONFIGURATION	PA66 30% GF	BLACK	
																											I				I	3 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK	
																													I		I	3 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK	
																														I	I	3 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK	
																												I			I	3 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK	
																														I	I	3 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	NATURAL	
																														I	I	3 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	BLACK	
																														I	I	3 SHORTING BAR POSITIONS CONFIGURATION	PA66 35% GF	GRAY	
QUANTITY																												ITEM	DESCRIPTION	MATERIAL	FINISH/COLOR				

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

9 PLC ±.3
1 PLC ±0.3
2 PLC ±0.10
3 PLC ±.
4 PLC ±.
ANGLES ±°
FINISH -
-

MATERIAL

SEE CHART ABOVE

DWN
R. VESTAL 24JUL2007

CHK
W. WELLINSKY 24JUL2007

APVD
W. WELLINSKY 24JUL2007

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

NAME
24 WAY ARM PLUG ASSEMBLY
WITH SELECT LOAD SHORTING BARS
CUSTOMER SPEC.

SIZE
A1

CAGE CODE
00779

DRAWING NO
C=1924674

RESTRICTED TO
-

SCALE
3:1

SHEET
2

OF
5

REV
S

LOC	DIST	REVISIONS					
FX	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

PIN-OUT CHART																																
		1 / 2																								N	2098376-1	KEY "F"				
		1 / 2																								N	1924686-1	KEY "E"				
		1 / 2																								N	1924685-1	KEY "D"				
		1 / 2																								N	1924684-1	KEY "C"				
		1 / 2																								N	1924683-1	KEY "B"				
		1 / 2																								N	1924682-1	KEY "A"				
5 / 6	3 / 4	1 / 2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	CPA	ASSEMBLY PART NUMBER	PLUG KEYING OPTION			
SHORTING BAR POSITION			TERMINAL HOLE POSITION																													
CAVITIES W/ A NUMERIC SYMBOL INDICATE SHORTING BAR LOADED			CAVITIES WITH A NUMERIC SYMBOL INDICATE CLOSED TERMINAL HOLE POSITIONS																													
BLANK CAVITIES INDICATE NO SHORTING BAR LOADED			BLANK CAVITIES INDICATE OPEN TERMINAL HOLE POSITIONS																													

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

MATERIAL

SEE CHART ABOVE

TOLERANCES UNLESS OTHERWISE SPECIFIED:

9 PLC ±

1 PLC ±0.3

2 PLC ±0.10

3 PLC ±

4 PLC ±

ANGLES ±°

FINISH -

DWN R. VESTAL 24JUL2007

CHK W. WELLINSKY 24JUL2007

APVD W. WELLINSKY 24JUL2007

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

NAME 24 WAY ARM PLUG ASSEMBLY WITH SELECT LOAD SHORTING BARS CUSTOMER SPEC.

SIZE A1

CAGE CODE 00779

DRAWING NO C=1924674

RESTRICTED TO -

SCALE 3:1

SHEET 5

OF 5

REV S

TE Connectivity

4805 (3/11)

Mouser Electronics

Authorized Distributor

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[1-1924675-4](#)