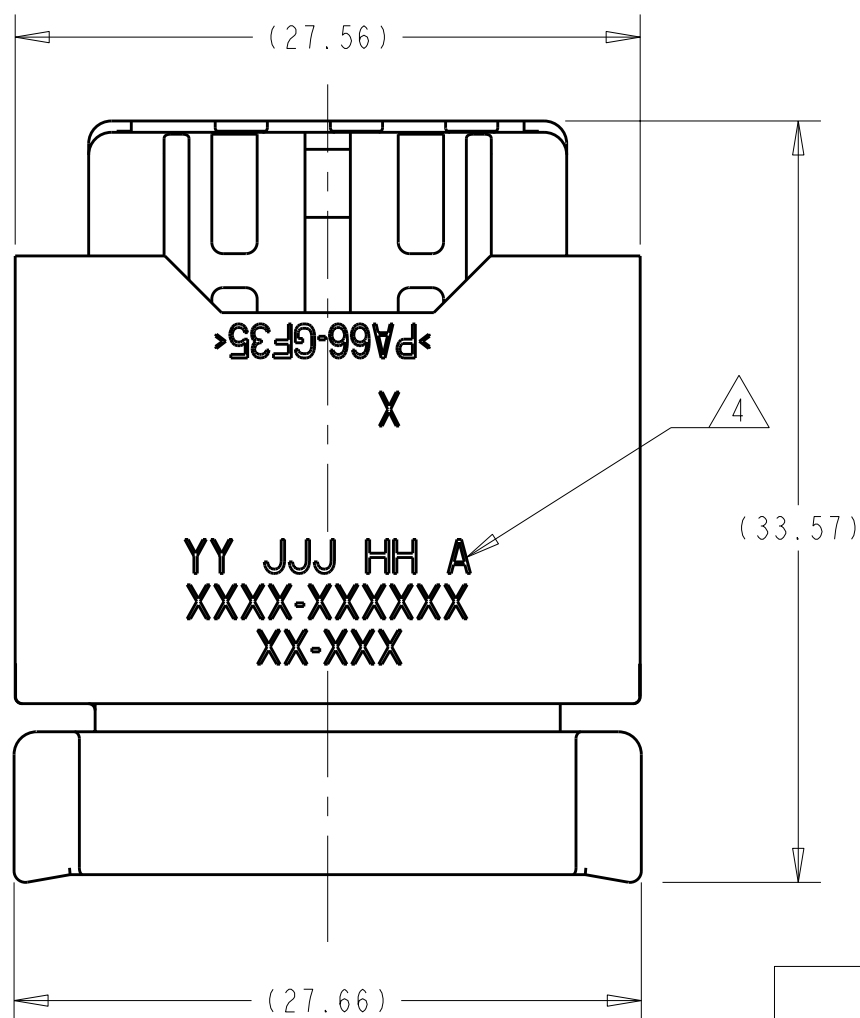


OPTION "B"



1 PLUG

2 TPA TRAVEL

3 COVER

4 GROMMET

5 PERIMETER SEAL

6 SHORTING BAR

7 CPA (OPTIONAL)

Ø



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.

KEYING OPTION "A" SHOWN

[illegible]

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG. <u>R. VESTAL</u> 24JUL2007 CHK. <u>W. WELLINSKY</u> APPR. <u>W. WELLINSKY</u> 24JUL2007		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0. PLC ± 1. PLC ±0.3 2. PLC ±0.10 3. PLC ± 4. PLC ± ANGLES ±° FINISH		NAME 24 WAY ARM PLUG ASSEMBLY WITH SELECT LOAD SHORTING BARS CUSTOMER SPEC.	
		PRODUCT SPEC APPLICATION SPEC		SIZE CASE CODE DRAWING NO A1 00779 C=1924674	
MATERIAL SEE CHART ABOVE		WEIGHT SEE NOTE 5		RESTRICTED TO CUSTOMER DRAWING	
				SCALE 3:1 SHEET 1 OF 5 REV S	

LOC	DIST	REVISIONS					
FX	00	REV	LYR	DESCRIPTION	DATE	OWN	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	
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

OWN 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

CAGE CODE

DRAWING NO

RESTRICTED TO

A1

00779

C=1924674

-

SCALE

3:1

SHEET

2

OF

5

REV

S

4805 (3/11)

[illegible]

PIN-OUT CHART

[illegible]

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG. 24JUL2007 T. VESTAL CHK. W. WELLINSKY APPR. 24JUL2007 W. WELLINSKY		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 P.L.C. ±.003 1 P.L.C. ±.005 2 P.L.C. ±.010 3 P.L.C. ±.015 4 P.L.C. ±.020 ANGLES ±°.		NAME 24 WAY ARM PLUG ASSEMBLY WITH SELECT LOAD SHORTING BARS CUSTOMER SPEC.	
		PRODUCT SPEC		SIZE CAGE CODE DRAWING NO A1 00779 C-1924674	
MATERIAL SEE CHART ABOVE		APPLICATION SPEC		RESTRICTED TO	
FINISH		WEIGHT		SCALE 3:1 SHEET 4 OF 5 REV S	
		CUSTOMER DRAWING			

LOC	DIST	REVISIONS					
FX	00	P	LYR	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 ±.3

1 PLC ±0.10

2 PLC ±.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

Mouser Electronics

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[1924684-1](#)