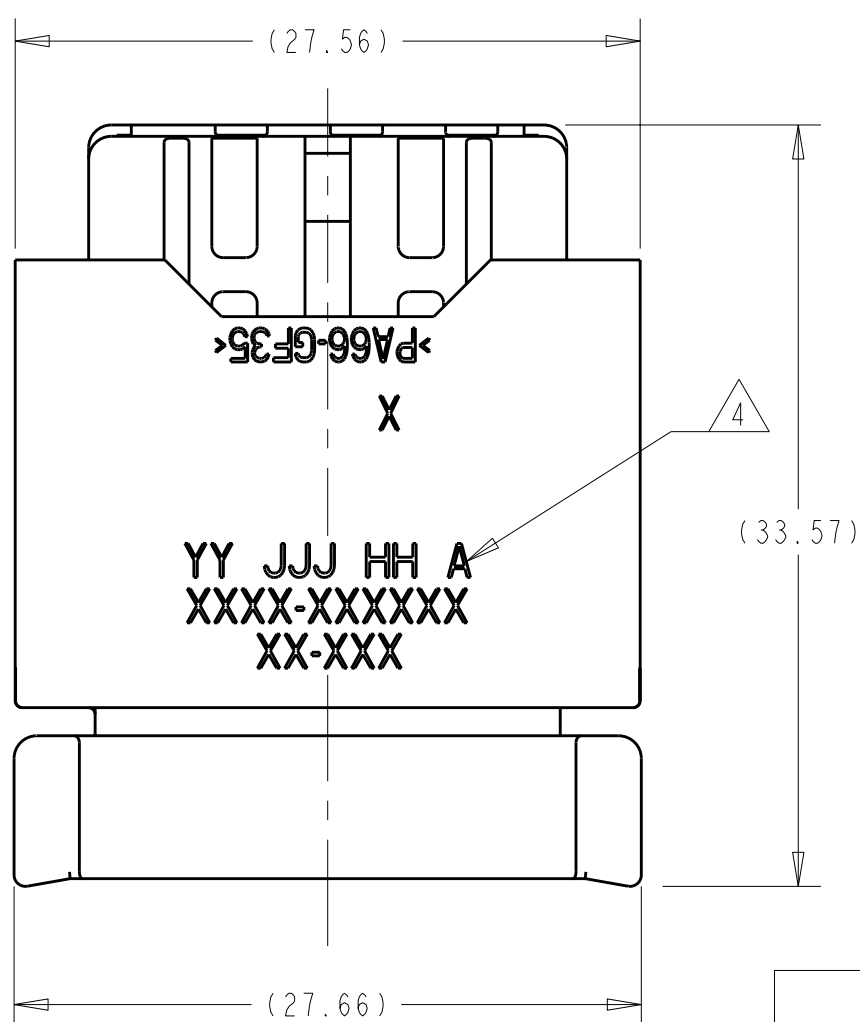


OPTION "B"



1 PLUG

2 TPA

3 COVER

4 GROMMET

5 PERIMETER SEAL

6 SHORTING BAR

7 CPA (OPTIONAL)

Ø

(3) TPA TRAVEL



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 TYCO ELECTRONICS SALES REPRESENTATIVE FOR AVAILABILITY AND PRICING.

KEYING OPTION "A" SHOWN

[illegible]

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

LOC	DIST	REVISIONS					
FX	00	P	LYR	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	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

CAGE CODE

DRAWING NO

RESTRICTED TO

A1

00779

C=1924674

-

SCALE

3:1

SHEET

2

OF

5

REV

S

TE Connectivity

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

PIN-OUT CHART

[illegible]

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN E. VESTAL 24JUL2007 CHK W. WELLINSKY 24JUL2007 APP'D W. WELLINSKY		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC $\pm .01$ 1 PLC $\pm .01$ 2 PLC $\pm .01$ 3 PLC $\pm .01$ 4 PLC $\pm .01$ ANGLES $\pm .5^\circ$		NAME 24 WAY ARM PLUG ASSEMBLY WITH SELECT LOAD SHORTING BARS CUSTOMER SPEC.	
		PRODUCT SPEC APPLICATION SPEC		SIZE CAGE CODE DRAWING NO A1 00779 C-1924674	
MATERIAL SEE CHART ABOVE		WEIGHT -		RESTRICTED TO -	
FINISH -		CUSTOMER DRAWING		SCALE 3:1 SHEET 4 OF 5 REV S	

LOC	DIST	REVISIONS					
FX	00	P	LTR	DESCRIPTION	DATE	OWN	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

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

A1

CAGE CODE

00779

DRAWING NO

1924674

RESTRICTED TO

-

SCALE

3:1

SHEET

5

OF

5

REV

S

TE Connectivity

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1924675-6](#)