



## Product Change Notification

Current Date: 02-Jan-2018

## TE Connectivity

Product Change Notification: E-17-018148

PCN Date: 21-DEC-17

Customer: Future Electronics(0000080100)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

## General Product Description:

Universal Mate N Lok and Universal Power housings

## Description of Changes

Clarification

## Other attachments:

[Markup drawing](#)[Markup drawing](#)[Markup drawing](#)[Markup drawing](#)[Markup drawing](#)[Markup drawing](#)

## Reason for Changes:

Customer Request. Customer requests to clarify material characteristics on the note in the drawings for the part numbers (2-350777-1, 3-480699-0, 1-350865-1, 1-350866-1, 1-176271-1, 1-176271-5, 1-176282-1, 1-176282-5).

## Estimated Dates:

Last Order Date (Obsolete Parts Only):

First Date To Ship (Changed Parts Only):

Last Ship Date (Obsolete Parts Only):

Last Date for Mixed Shipments: (Changed Parts Only):

No Mixed Shipments

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

**Note: This PCN contains only document changes, these changes do not affect the form, fit or function of the parts referenced.**

## Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
<a href="#">176271</a>	176271-1		C4	
<a href="#">176282</a>	176282-1		D4	
<a href="#">350777</a>	1-350777-2, 350777-1		AD1	
<a href="#">480699</a>	1-480699-0		AG7	

Customer: Future Electronics Ltd( 1273129 )

Location: Egham

Agreement Number: Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

## Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
<a href="#">176271</a>	176271-1		C4	
<a href="#">176282</a>	176282-1		D4	
<a href="#">350777</a>	1-350777-2		AD1	

Customer: Future Electronics Inc( 2912436 )

Location: Houston

Agreement Number: Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

## Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
<a href="#">480699</a>	1-480699-0		AG7	

Customer: Future Electronics Asia Pacific( 2923061 )

Location: Singapore

Agreement Number: Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

## Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
<a href="#">350777</a>	1-350777-2		AD1	
<a href="#">480699</a>	1-480699-0		AG7	

Customer: Future Electronics Inc.( 1319888 )

Location: Singapore

Agreement Number: Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

## Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
<a href="#">350777</a>	350777-1		AD1	
<a href="#">480699</a>	1-480699-0		AG7	

Customer: FUTURE ELEC- SAMPLES AUSTIN( 546768 )

Location: AUSTIN

Agreement Number: Agreement Unknown

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## Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
<a href="#">350777</a>	350777-1		AD1	

Customer: Future Electronics Inc( 1290208 )

Location: Southaven

Agreement Number: FUTAGR001

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

## Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
<a href="#">350777</a>	350777-1		AD1	
<a href="#">480699</a>	1-480699-0		AG7	

Customer: Future Electronics UK( 2833922 )

Location: Hayes

Agreement Number: Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

## Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
<a href="#">350777</a>	350777-1		AD1	
<a href="#">480699</a>	1-480699-0		AG7	

Customer: Future Electronics EDC Services( 2944409 )

Location: Leipzig

Agreement Number: Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

**Customer Drawing(s) Being Modified:**

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
<a href="#">350777</a>	350777-1		AD1	
<a href="#">480699</a>	1-480699-0		AG7	

**Customer:** Future Electronics-Disty Sample( 773504 )**Location:** Pointe Claire**Agreement Number:** Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

**Customer Drawing(s) Being Modified:**

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
<a href="#">350777</a>	350777-1		AD1	

**Customer:** Future Electronics( 3059283 )**Location:** Quebec**Agreement Number:** Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

**Customer Drawing(s) Being Modified:**

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
<a href="#">350777</a>	350777-1		AD1	

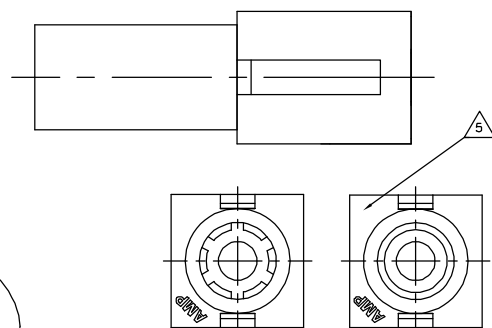
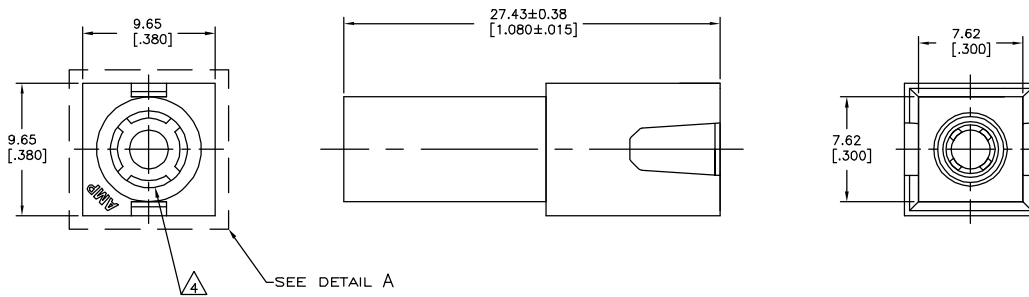
**Customer:** Future Electronics Incorporate( 591 )**Location:** CANADA**Agreement Number:** Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

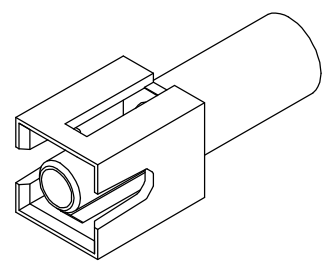
**Customer Drawing(s) Being Modified:**

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
<a href="#">480699</a>	1-480699-0		AG7	

REVISIONS				
P	LNK	DESCRIPTION	DATE	MIN
PB		REVISED PER ECR-17-018148	13DEC2017	SC BH



- 1 MATES WITH HOUSING 350865.
- 2 DIMENSIONS IN BRACKETS ARE IN INCHES.
- 3 DIMENSIONS SHOWN REPRESENT PRODUCT IN DRY, AS MOLDED, CONDITION. ADDITIONAL 2% GROWTH DUE TO SUBSEQUENT MOISTURE ABSORPTION MAY OCCUR AND SHOULD BE ACCOUNTED FOR.
- 4 FOUR RIBS EQUALLY SPACED, NO SPECIFIC ORIENTATION. NO RIBS OR SIX RIBS EQUALLY SPACED, NO SPECIFIC ORIENTATION, OPTIONAL.
- 5 CSA LOGO LOCATED APPROXIMATELY AS SHOWN
- 6 MATERIAL: PA66, UL94 V-0, GWIT 775°C



DETAIL A  
OPTIONAL CONSTRUCTIONS

6	NATURAL	1-350866-1
	RED	350866-2
	NATURAL	350866-1
	COLOR	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DR K. WHITAKER 8-12-91	TE Connectivity	
DIMENSIONS: mm [INCHES]		DR D. SWING 8-12-91	CAP, SINGLE CIRCUIT, UNIVERSAL MATE-N-LOK TM	
TO DIMENSIONS: OTHER THAN SHOWN:		DR D. SELF 8-12-91	RESTRICTED TO	
0 PLD 0.13 [0.005]		PRODUCT SPEC	SIZE CASE CODE DRAWING NO	
1 PLD 0.13 [0.005]		APPLICATION SPEC	A2 00779 C-350866	
2 PLD 0.13 [0.005]		WEIGHT	SCALE 5:1 SHEET 1 of 1 REV P8	
3 PLD 0.13 [0.005]		CUSTOMER DRAWING		
4 PLD 0.13 [0.005]				
5 PLD 0.13 [0.005]				
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99 PLD 0.13 [0.005]				
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REVISIONS			
P	LN	DESCRIPTION	DATE
R5		REVISED PER ECR-17-018148	13DEC2017

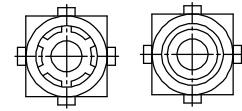
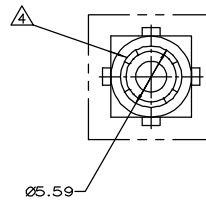
6 MATERIAL: PA66, UL94 V-0, GWIT 775°C

1. MATES WITH APPROPRIATE UNIVERSAL MATE-N-LOK™ CAP.
2. SMALL NICKS ARE PERMITTED ON THE CIRCUIT TOWER WHICH COULD INCREASE THE INITIAL HOUSING MATING FORCE BY UP TO 2.2 NEWTONS [0.5 LBS].
3. DIMENSIONS SHOWN REPRESENT PRODUCT IN DRY, AS MOLDED, CONDITION. ADDITIONAL 2% GROWTH DUE TO SUBSEQUENT MOISTURE ABSORPTION MAY OCCUR AND SHOULD BE ACCOUNTED FOR.

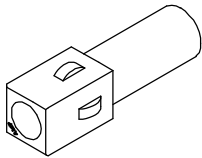
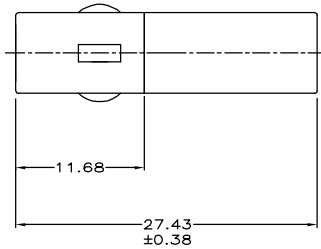
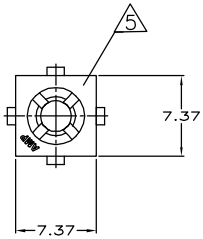
4 FOUR RIBS EQUALLY SPACED, NO SPECIFIC ORIENTATION. NO RIBS OR SIX RIBS EQUALLY SPACED, NO SPECIFIC ORIENTATION, OPTIONAL.

5 CSA LOGO LOCATED APPROXIMATELY AS SHOWN.

SEE DETAIL A



DETAIL A  
OPTIONAL CONSTRUCTION



3-DIMENSIONAL MODEL  
NTS

27.43	1.080
11.68	.460
7.37	.290
5.59	.220
0.38	.015
0.13	.005
MM	IN

CONVERSION TABLE

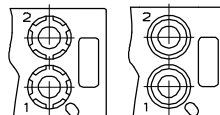
6	NATURAL	1-350865-1
	NATURAL	350865-1
	COLOR	PART NO

TE Connectivity

THIS DRAWING IS A CONTROLLED DOCUMENT.		REV	K. WHITAKER	3-9-92
DIMENSIONS: mm(INCHES)		CHK	D. SWING	3-9-92
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPD	D. SELF	3-10-92
0 PLD ± .005		PRODUCT SPEC		
1 PLD ± .005		APPLICATION SPEC		
2 PLD ± .005		MATERIAL		
3 PLD ± .005		FINISH		
4 PLD ± .005		CUSTOMER DRAWING		
ANGLES ± .005°		SCALE 4:1		
MATERIAL NYLON UL 94V-0		SHEET 1 of 1		
FINISH		REV R5		
CUSTOMER DRAWING		SIZE 00779 C=350865		



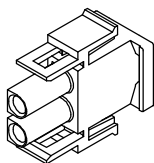
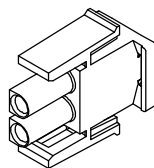
VIEW A—A  
350777-4 ONLY



DETAIL A  
OPTIONAL CONSTRUCTION




DETAIL B  
350777-4 ONLY

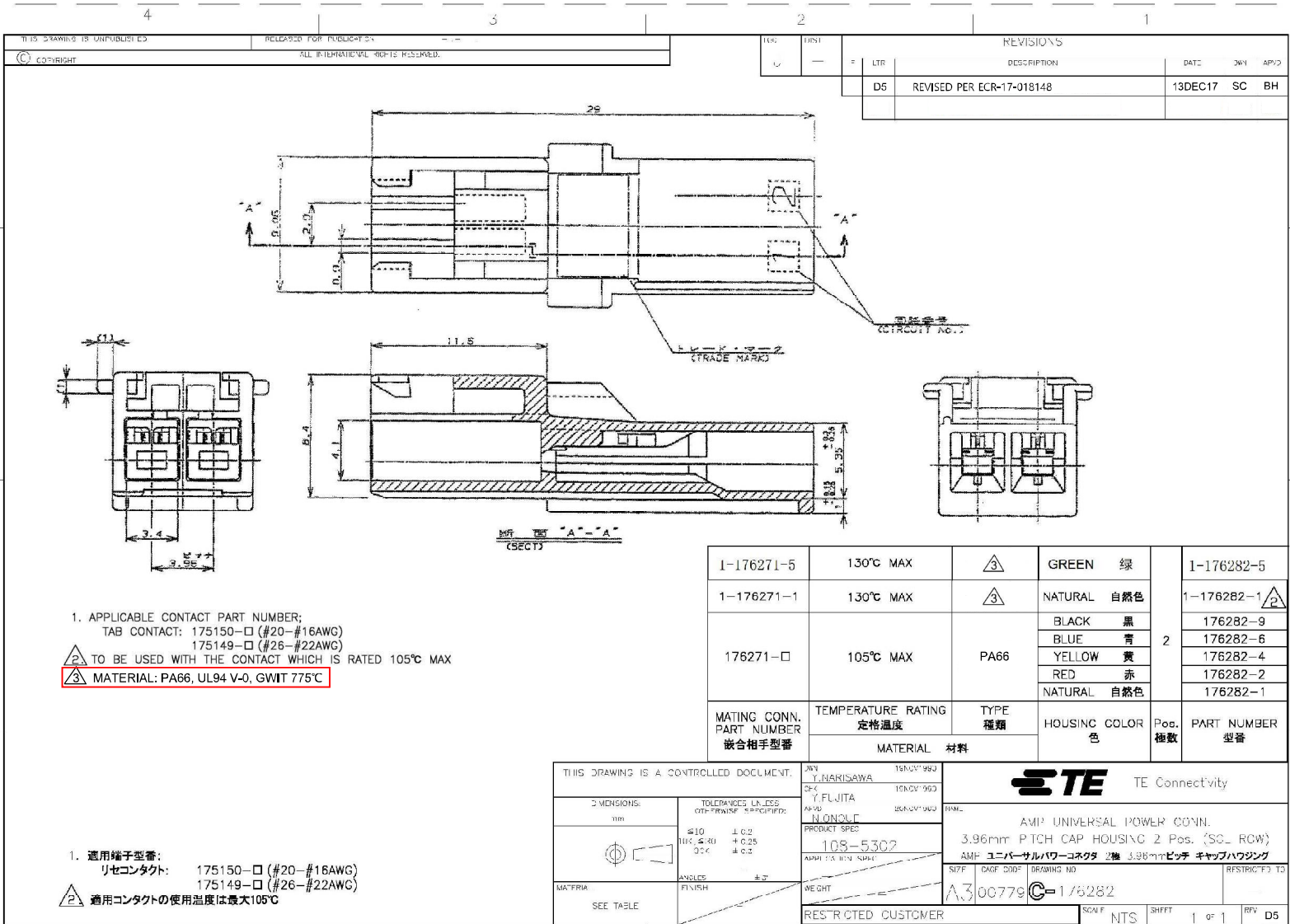
350777-4 3-DIMENSIONAL MODEL  
NTS

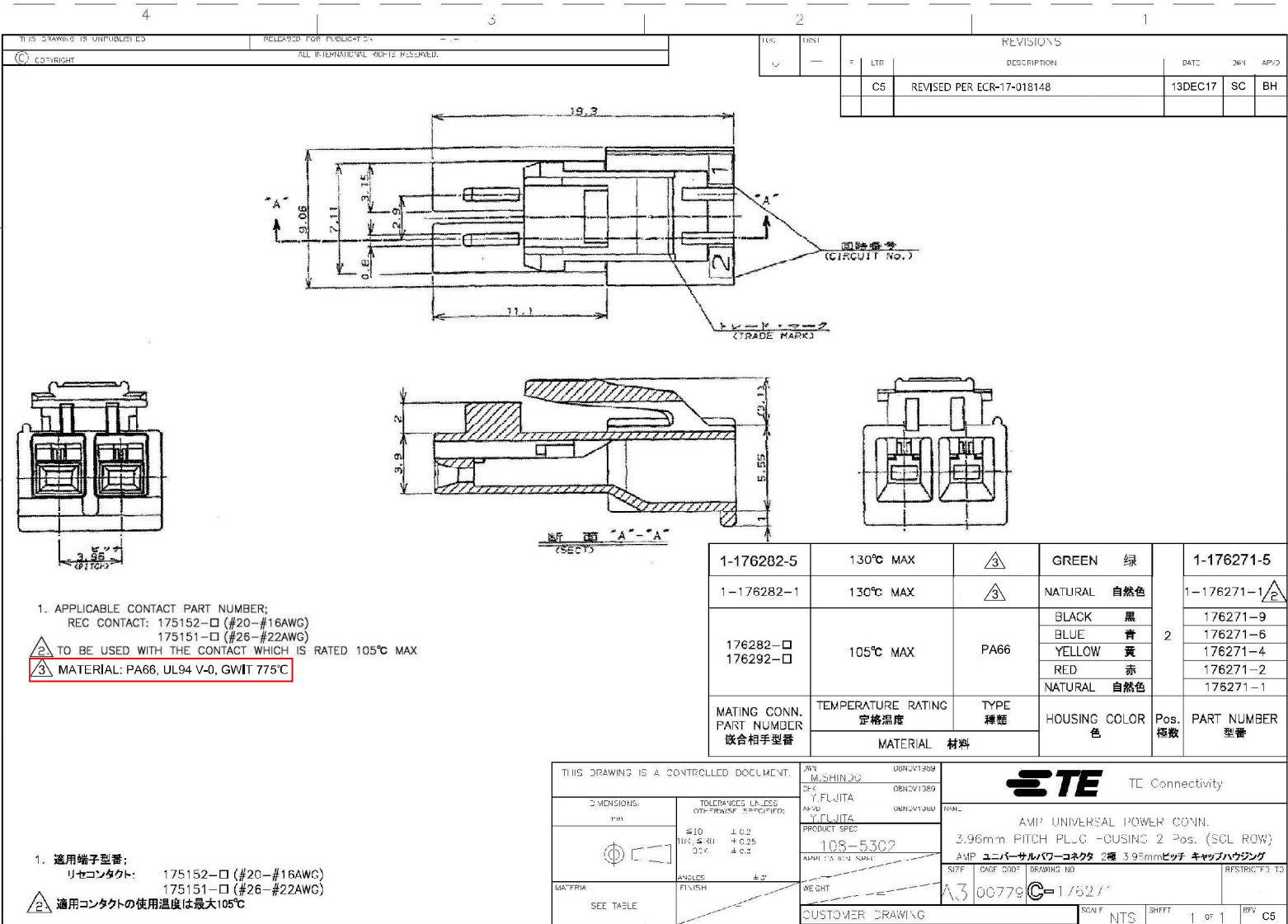
### 3-DIMENSIONAL MODEL NTS

27.43	1.080
14.73	.580
13.97	.550
11.68	.460
7.62	.300
0.38	.015
0.13	.005
MM	IN
CONVERSION TABLE	

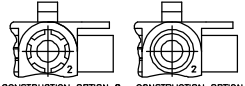
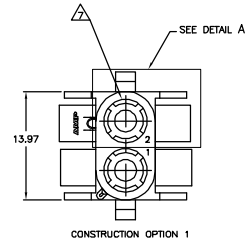
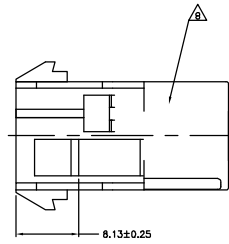
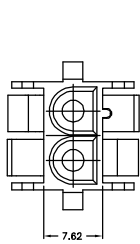
	NATURAL	2-350777-1
	BLACK	1-350777-9
	GRAY	1-350777-8
	BLUE	1-350777-6
	GREEN	1-350777-5
	YELLOW	1-350777-4
	ORANGE	1-350777-3
	RED	1-350777-2
	BROWN	1-350777-1
		350777-4
	NATURAL	350777-1
	COLOR	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		REV	BY	DATE	SCALE	PART NUMBER
		1	W. VESTAL			
		2	W. VESTAL			
		3	W. SWING			
		4	C. SELF			
DESCRIPTION	QUANTITY	UNIT				
1000						

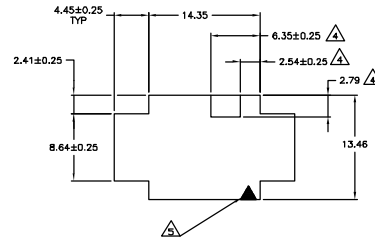
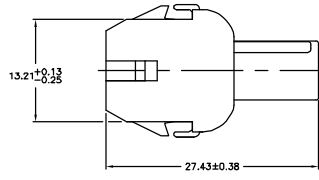




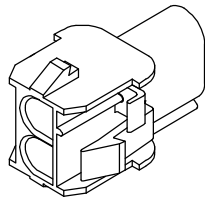




CONSTRUCTION OPTION 2 CONSTRUCTION OPTION 3  
DETAIL A  
OPTIONAL CONSTRUCTIONS



RECOMMENDED PANEL CUTOUT



3-DIMENSIONAL MODEL  
NTS

4.45	.175	27.43	1.080
2.79	.110	14.35	.565
2.54	.100	13.97	.550
2.41	.095	13.46	.530
2.29	.090	13.21	.520
0.76	.030	8.64	.340
0.39	.015	8.13	.320
0.25	.010	7.62	.300
0.13	.005	6.35	.250
MM	IN	MM	IN

CONVERSION TABLE

1. MATES WITH APPROPRIATE UNIVERSAL MATE-N-LOK™ PLUG.
2. RECOMMENDED PANEL THICKNESS 0.76 - 2.29.
3. PANEL MUST BE PUNCHED SO THAT THE HOUSING ENTERS THE PANEL IN THE SAME DIRECTION AS THE PUNCH.
- △ OPTIONAL FOR KEYING HOUSING IN PANEL.
- △ CIRCUIT NUMBER 1 LOCATION.
6. DIMENSIONS SHOWN REPRESENT PRODUCT IN DRY, AS MOLDED, CONDITION. ADDITIONAL 2% GROWTH DUE TO SUBSEQUENT MOISTURE ABSORPTION MAY OCCUR AND SHOULD BE ACCOUNTED FOR.
- △ FOUR RIBS EQUALLY SPACED, NO SPECIFIC ORIENTATION, NO RIBS OR SIX RIBS EQUALLY SPACED, NO SPECIFIC ORIENTATION, OPTIONAL.
- △ UNDERWRITERS RECOGNIZED COMPONENT LOGO AND CSA CERTIFICATION LOGO TO BE LOCATED ONCE EACH ON SIDE OF HOUSING.
- △ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAL/D.SINIS
- △ CONSTRUCTION OPTION 1 ONLY ALLOWED CONSTRUCTION OPTIONS 2 AND 3 NOT PERMISSIBLE
- △ PREPRODUCTION- FASR REQUIRED
- △ MATERIAL: PA66, UL94 V-0, GWIT 775°C

△ NATURAL	3-480699-0
△ NATURAL	2-480699-0
BLACK	1-480699-9
GREY	1-480699-8
BLUE	1-480699-6
GREEN	1-480699-5
YELLOW	1-480699-4
ORANGE	1-480699-3
RED	1-480699-2
BROWN	1-480699-1
NATURAL	1-480699-0
COLOR	PART NO.

△ SUPERSEDED BY 1-480699-0  
△ OBSOLETE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DATE/REV	BY	CHK	APP	DATE/REV	BY	CHK	APP
130623/17	SC	BT		130623/17	SC	BT	

REVISIONS

REV	DATE	BY	CHK	APP
1	130623/17	SC	BT	

DATE: 130623/17

BY: SC

CHK: BT

APP: [Signature]

REVISIONS

REV	DATE	BY	CHK	APP
1	130623/17	SC	BT	

DATE: 130623/17

BY: SC

CHK: BT

APP: [Signature]

REVISIONS

REV	DATE	BY	CHK	APP
1	130623/17	SC	BT	

DATE: 130623/17

BY: SC

CHK: BT

APP: [Signature]

REVISIONS

REV	DATE	BY	CHK	APP
1	130623/17	SC	BT	

DATE: 130623/17

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REVISIONS

REV	DATE	BY	CHK	APP
1	130623/17	SC	BT	

DATE: 130623/17

BY: SC

CHK: BT

APP: [Signature]

REVISIONS

REV	DATE	BY	CHK	APP
1	130623/17	SC	BT	

DATE: 130623/17

BY: SC

CHK: BT

APP: [Signature]

REVISIONS

REV	DATE	BY	CHK	APP
1	130623/17	SC	BT	

DATE: 130623/17

BY: SC

CHK: BT

APP: [Signature]

REVISIONS

REV	DATE	BY	CHK	APP
1	130623/17	SC	BT	

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APP: [Signature]

REVISIONS

REV	DATE	BY	CHK	APP
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DATE: 130623/17

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REVISIONS

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