



Product / Process Change Notification (PCN)

- ☐ Major change
☒ Minor change

PCN #: PCN_UtRJ45LAN_20240130

Affected Series: WE-RJ45LAN; 7498xxx

PCN Date: October 30, 2023

Effective Date: January 30, 2024

Change Category:

- ☐ Equipment / Location
☒ General Data
☐ Material
☐ Process
☐ Product Design
☐ Shipping / Packaging
☐ Supplier
☐ Software

Contact: Product Management

Phone: +49 (0) 7942 - 945 5001

Fax: +49 (0) 7942 - 945 5179

E-Mail: pcn.eisos@we-online.com

Data Sheet Change:

- ☒ Yes ☐ No

Attachment:

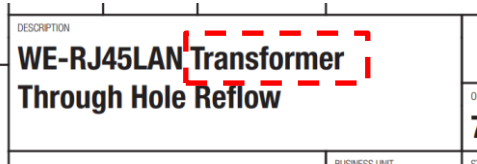
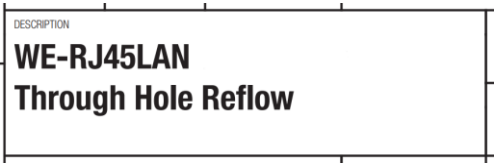
- ☐ Yes ☒ No

Description and purpose of change:

Because of a database mismatch, Würth Elektronik will correct several datasheet information like the UL File Number and the soldering profile. Additionally Würth Elektronik will implement some datasheet standardizations. This is a datasheet correction only. There will be no change in form, fit, function, quality or reliability of the product.

Detail of Change:

74980100001:

Before Change	After Change
	
Above: "Transformer" in description removed.	
10/100BASE-T	10/100BASE-TX
Above: "X" added in the media type designation.	

General Information:

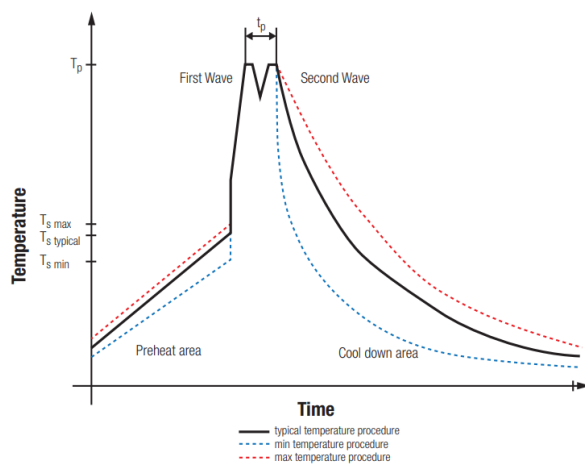
Operating Temperature	-40 up to +85 °C
Storage Conditions (in original packaging)	< 40 °C; < 75 % RH
Moisture Sensitivity Level (MSL)	1
Reflow Cycle	260
General Information	Compliant with IEEE 802.3u Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently

General Information:

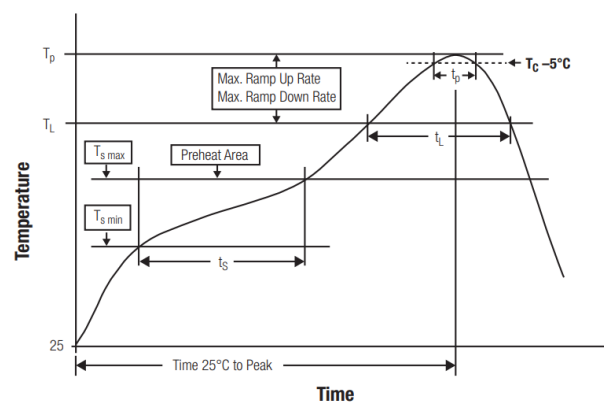
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Above: General Information row is moved one row upwards.

Classification Wave Soldering Profile:



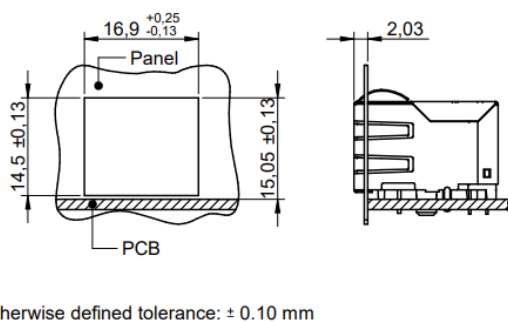
Classification Reflow Profile for SMT components:



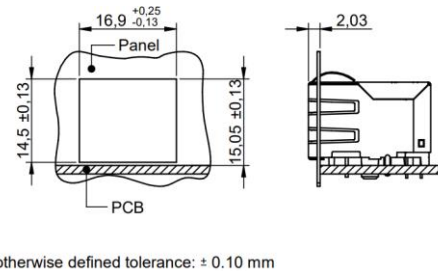
Above: Soldering Profile is corrected from Wave Soldering Profile to Reflow Profile for SMT components.

74980111212:

Before Change



After Change



Scale - 1:1

Above: Scale added in the Drawing, the Recommended Hole Pattern and the Recommended Panel Cutout.

DESCRIPTION WE-RJ45LAN Transformer Through Hole Reflow DI FORMER 1 UNIT CI	DESCRIPTION WE-RJ45LAN Through Hole Reflow																																										
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7498111123:																																											
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Above: Scale added in the Drawing, the Recommended Hole Pattern and the Recommended Panel Cutout.																																											

DESCRIPTION

WE-RJ45LAN Transformer Through Hole Reflow

01

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01

01

DESCRIPTION

WE-RJ45LAN Through Hole Reflow

Above: "Transformer" in description removed.

Common mode rejection ratio	CMRR	100-100 MHz
Turns Ratio	n	
Data rate		1000BASE-T
PoE		non-PoE

Common mode rejection ratio	CMRR	250-300 MHz
Turns Ratio	n	
Data rate		1000BASE-T

Above: PoE row in the Electrical Properties Table removed.

General Information:

Operating Temperature	-40 up to +85 °C
Storage Conditions (in original packaging)	< 40 °C ; < 75 % RH
Moisture Sensitivity Level (MSL)	1
Reliability Cycle	750
Compliant with IEEE 802.3ab	
General Information	Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently

General Information:

Operating Temperature	-40 up to +85 °C
Storage Conditions (in original packaging)	< 40 °C ; < 75 % RH
Moisture Sensitivity Level (MSL)	1
Reliability Cycle	750
Compliant with IEEE 802.3ab	
General Information	Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently
Compliant with IEEE 802.3ab	

Above: General Information row is moved one row upwards.

7498111124:

Before Change

Unless otherwise defined tolerance: ± 0.10 mm

After Change

Unless otherwise defined tolerance: ± 0.10 mm

Scale - 1:1

Above: Scale added in the Drawing, the Recommended Hole Pattern and the Recommended Panel Cutout.

DESCRIPTION

WE-RJ45LAN Transformer Through Hole Reflow

01

1

01

01

DESCRIPTION

WE-RJ45LAN Through Hole Reflow

Above: "Transformer" in description removed.

Common mode rejection ratio	CMRR	60-100 MHz
Turns Ratio	n	
Data rate		1000BASE-T
PoE		non-PoE

Common mode rejection ratio	CMRR	250-500 MHz
Turns Ratio	n	
Data rate		1000BASE-T

Above: PoE row in the Electrical Properties Table removed.

General Information:

Operating Temperature	-40 up to +85 °C
Storage Conditions (in original packaging)	< 40 °C; < 75 % RH
Moisture Sensitivity Level (MSL)	1
Mating Cycle	750
Compliant with IEEE 802.3ab	
General Information	Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently

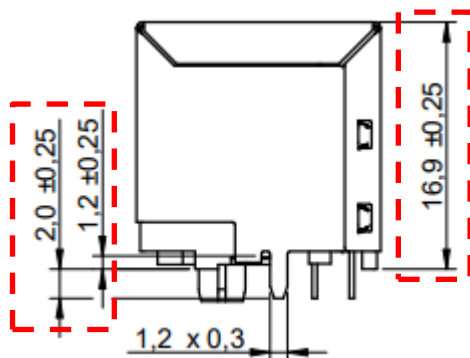
General Information:

Operating Temperature	-40 up to +85 °C
Storage Conditions (in original packaging)	< 40 °C; < 75 % RH
Moisture Sensitivity Level (MSL)	1
Mating Cycle	250
Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently	
Compliant with IEEE 802.3ab	

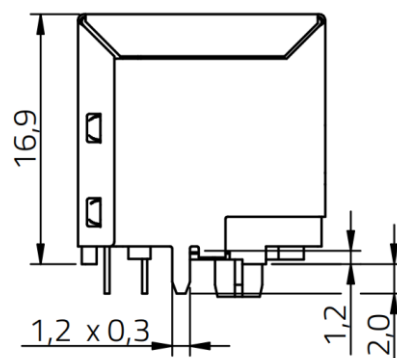
Above: General Information row is moved one row upwards.

74980100000:

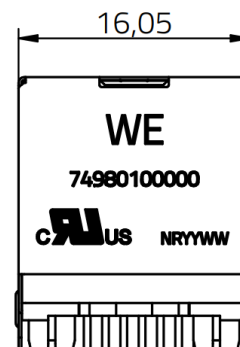
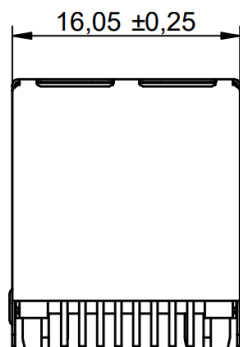
Before Change



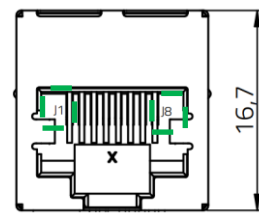
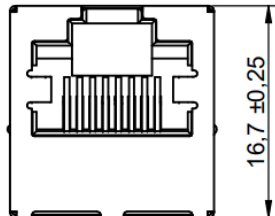
After Change



Above: The tolerance at the dimensions removed.



Above: Logo and Part Number added.

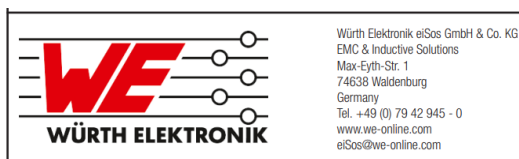


Above: J8 J1 label added.

DESCRIPTION
**WE-RJ45 LAN Transformer
Through Hole Reflow**

DESCRIPTION
**WE-RJ45LAN
Through Hole Reflow**

Above: The word "Transformer" and the blank character between WE-RJ45 and LAN is removed.



Above: The Logo replaced by the new one.

10/100Base-T

10/100BASE-TX

Above: "X" added in the media type designation and all characters in BASE-T now capitalized.

Common Mode Rejection Ratio	CMRR	60-100 MHz	-30	dB	min.
Turns Ratio	n		1:1		±2%
Data rate	10/100BASE-T				
PoE	non-PoE				

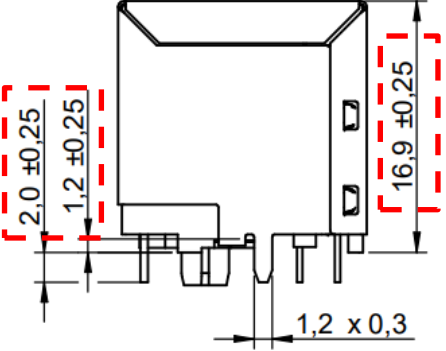
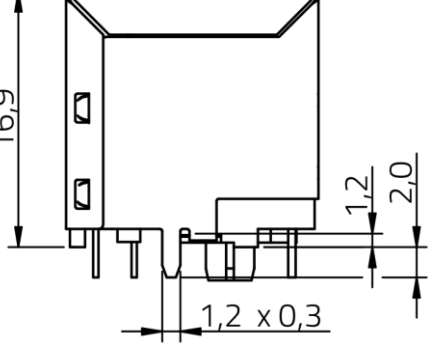
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Turns Ratio	n		1:1		±2%
Data rate	10/100BASE-T				

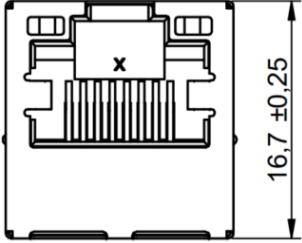
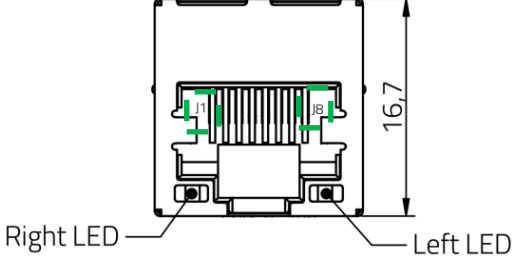
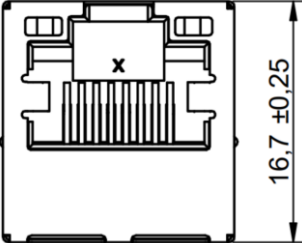
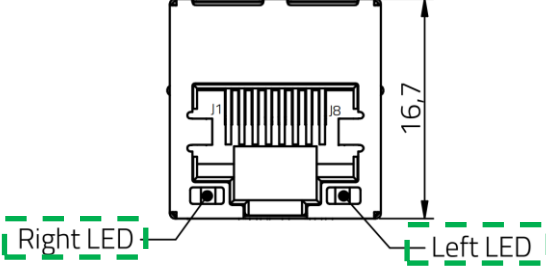
Above: PoE row in the Electrical Properties Table removed.

General Information:	
It is recommended that the temperature of the component does not exceed +85 °C under worst case conditions	
Operating Temperature	-40 up to +85 °C
Storage Conditions (in original packaging)	< 40 °C; < 75 % RH
Moisture Sensitivity Level (MSL)	1
Mating Cycle	750
Compliant with IEEE 802.3u	

General Information:	
Operating Temperature	-40 up to +85 °C
Storage Conditions (in original packaging)	< 40 °C; < 75 % RH
Moisture Sensitivity Level (MSL)	1
Mating Cycle	750
General Information	Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently Compliant with IEEE 802.3u

Above: The row: "It is recommended that the temperature of the component does not exceed +85 °C under worst case conditions" in the General Information table removed.

General Information: It is recommended that the temperature of the component does not exceed +85°C under worst case conditions <table border="1"> <tr> <td>Operating Temperature</td><td>-40 up to +85 °C</td></tr> <tr> <td>Storage Conditions (in original packaging)</td><td>< 40 °C; < 75 % RH</td></tr> <tr> <td>Moisture Sensitivity Level (MSL)</td><td>1</td></tr> <tr> <td>Mating Cycle</td><td>750</td></tr> </table> Compliant with IEEE 802.3u	Operating Temperature	-40 up to +85 °C	Storage Conditions (in original packaging)	< 40 °C; < 75 % RH	Moisture Sensitivity Level (MSL)	1	Mating Cycle	750	General Information: <table border="1"> <tr> <td>Operating Temperature</td><td>-40 up to +85 °C</td></tr> <tr> <td>Storage Conditions (in original packaging)</td><td>< 40 °C; < 75 % RH</td></tr> <tr> <td>Moisture Sensitivity Level (MSL)</td><td>1</td></tr> <tr> <td>Mating Cycle</td><td>750</td></tr> <tr> <td>General Information</td><td>Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently Compliant with IEEE 802.3u</td></tr> </table>	Operating Temperature	-40 up to +85 °C	Storage Conditions (in original packaging)	< 40 °C; < 75 % RH	Moisture Sensitivity Level (MSL)	1	Mating Cycle	750	General Information	Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently Compliant with IEEE 802.3u
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Above: General Information row added.																			
Certification: <table border="1"> <tr><td>RoHS Approval</td><td></td></tr> <tr><td>REACH Approval</td><td></td></tr> <tr><td>cULus Approval</td><td></td></tr> <tr><td>UL Approval</td><td></td></tr> </table>	RoHS Approval		REACH Approval		cULus Approval		UL Approval		Certification: <table border="1"> <tr><td>RoHS Approval</td><td></td></tr> <tr><td>REACH Approval</td><td></td></tr> <tr><td>cURus Approval</td><td></td></tr> </table>	RoHS Approval		REACH Approval		cURus Approval					
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E331896 [UL-60950]	E472316 [UL 62368-1]																		
Above: UL File Number corrected.																			
74980101200:																			
Before Change 	After Change 																		
Above: The tolerance at the dimensions removed.																			

	
Above: Logo and Part Number added.	
	
Above: J8 J1 label added.	
	
Above: LED labelling in the drawing added.	
	
Above: The word "Transformer" and the blank character between WE-RJ45 and LAN is removed.	



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 www.we-online.com
 eiSos@we-online.com



**WÜRTH
ELEKTRONIK**
 MORE THAN
 YOU EXPECT

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 Tel. +49 (0) 79 42 945 - 0
 www.we-online.com
 eiSos@we-online.com

Above: The Logo replaced by the new one.

Return Loss	RL	1-30 MHz @ 100 Ω
Return Loss	RL	30-60 MHz @ 100 Ω
Return Loss	RL	60-80 MHz @ 100 Ω
Return Loss	RL	80-100 MHz @ 100 Ω

Return Loss	RL	1-30 MHz
Return Loss	RL	30-60 MHz
Return Loss	RL	60-80 MHz
Return Loss	RL	80-100 MHz

Above: @100 Ω is removed

10/100Base-T

10/100BASE-TX

Above: X added in the media type designation and all characters in BASE-T now capitalized.

Common Mode Rejection Ratio	CMRR	60-100 MHz	-30	dB	min.
Turns Ratio	n		1:1		±2%
Data rate			10/100BASE-T		
PoE			non-PoE		

Common Mode Rejection Ratio	CMRR	60-100 MHz	-30	dB	min.
Turns Ratio	n		1:1		±2%
Data rate			10/100BASE-T		

Above: PoE row in the Electrical Properties Table removed.

General Information:

It is recommended that the temperature of the component does not exceed +85 °C under worst case conditions

Operating Temperature	-40 up to +85 °C
Storage Conditions (in original packaging)	< 40 °C; < 75 % RH
Moisture Sensitivity Level (MSL)	1
Mating Cycle	750
Compliant with IEEE 802.3u	

General Information:

Operating Temperature	-40 up to +85 °C
Storage Conditions (in original packaging)	< 40 °C; < 75 % RH
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Above: The row: "It is recommended that the temperature of the component does not exceed +85 °C under worst case conditions" in the General Information table removed.

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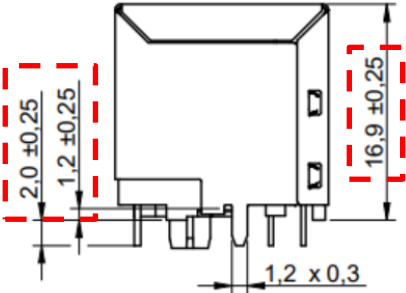
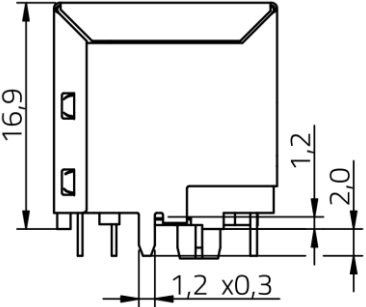
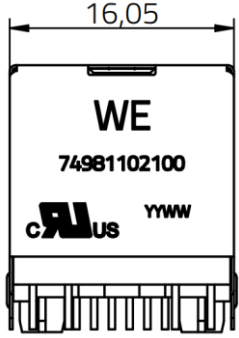
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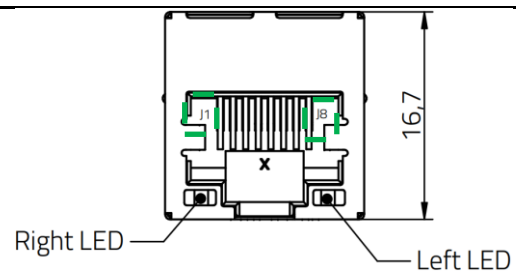
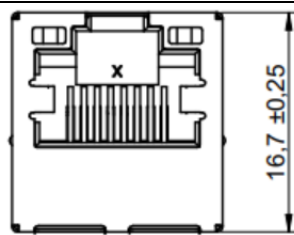
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Storage Conditions (in original packaging)	< 40 °C; < 75 % RH
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Mating Cycle	750
Compliant with IEEE 802.3u	

General Information:

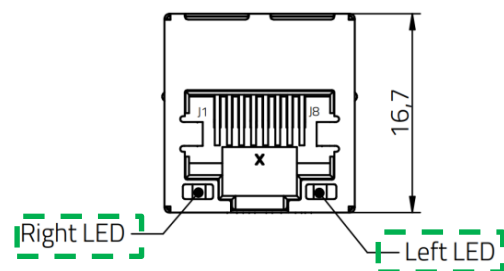
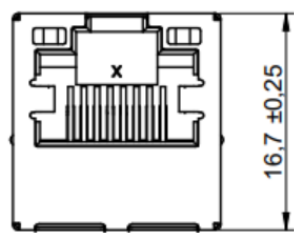
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Above: General Information row added.

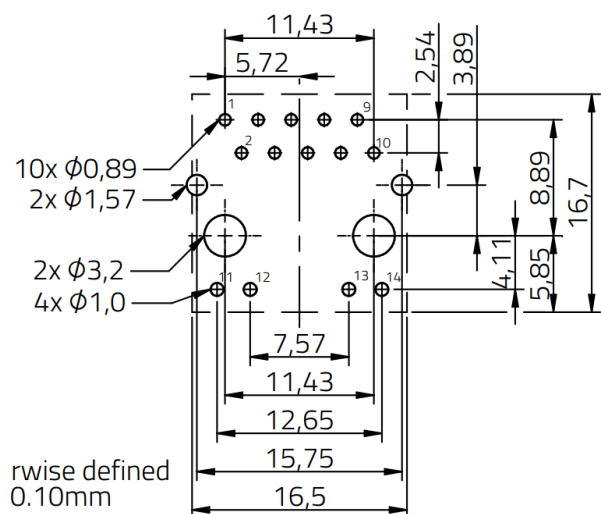
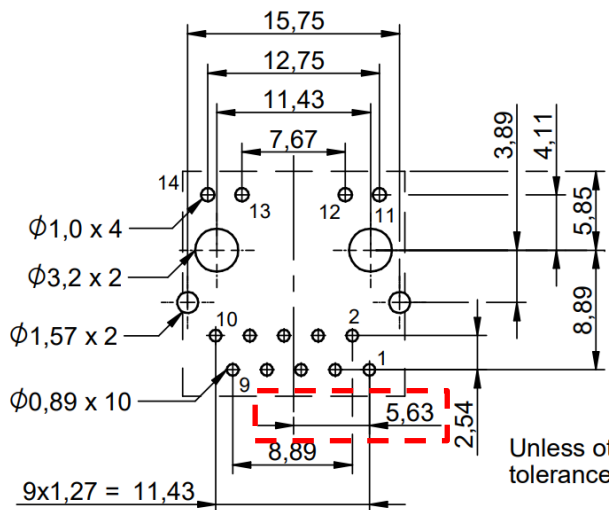
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74981102100:															
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Above: The tolerance at the dimensions removed.															
															
Above: Logo and Part Number added.															



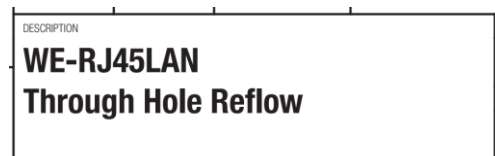
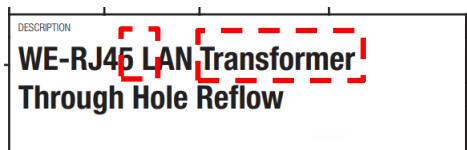
Above: J8 J1 label added.



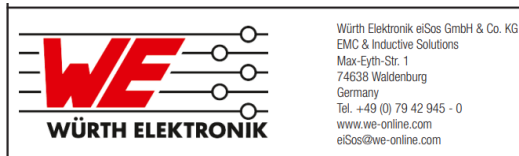
Above: LED labelling in the drawing added.



Above: The dimension 5.63 is removed and position of symmetry line corrected.



Above: The word "Transformer" and the blank character between WE-RJ45 and LAN is removed.



Above: The Logo replaced by the new one.

Return Loss	RL	1-30 MHz @ 100 Ω
Return Loss	RL	30-60 MHz @ 100 Ω
Return Loss	RL	60-80 MHz @ 100 Ω
Return Loss	RL	80-100 MHz @ 100 Ω

Return Loss	RL	1-30 MHz
Return Loss	RL	30-60 MHz
Return Loss	RL	60-80 MHz
Return Loss	RL	80-100 MHz

Above: @100 Ω is removed

10/100/1000Base-T

10/100/1000BASE-T

Above: All characters in BASE-T now capitalized.

Turns Ratio	n
Data rate	10/100/1000 Base-T
PoE	non-PoE

Turns Ratio	n
Data rate	10/100/1000 Base-T

Above: PoE row in the Electrical Properties Table removed.

General Information:

It is recommended that the temperature of the component does not exceed +85°C under worst case conditions	
Operating Temperature	-40 up to +85 °C
Storage Conditions (in original packaging)	< 40 °C; < 75 % RH
Moisture Sensitivity Level (MSL)	1
Mating Cycle	750
Compliant with IEEE 802.3ab	

General Information:

Operating Temperature	-40 up to +85 °C
Storage Conditions (in original packaging)	< 40 °C; < 75 % RH
Moisture Sensitivity Level (MSL)	1
Mating Cycle	750
General Information	Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently
Compliant with IEEE 802.3ab	

Above: The row: "It is recommended that the temperature of the component does not exceed +85 °C under worst case conditions" in the General Information table removed.

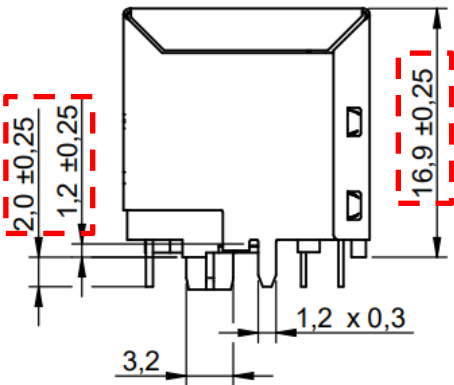
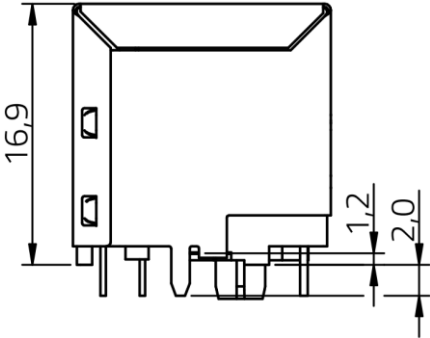
General Information:

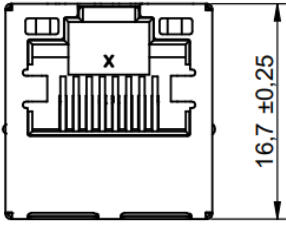
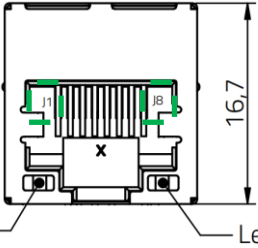
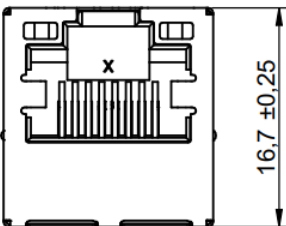
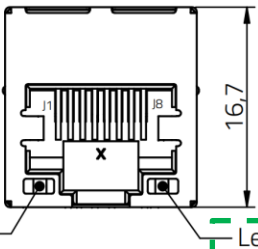
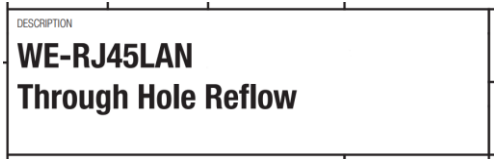
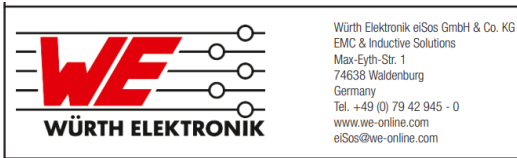
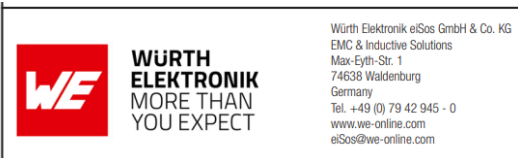
It is recommended that the temperature of the component does not exceed +85°C under worst case conditions	
Operating Temperature	-40 up to +85 °C
Storage Conditions (in original packaging)	< 40 °C; < 75 % RH
Moisture Sensitivity Level (MSL)	1
Mating Cycle	750
Compliant with IEEE 802.3ab	

General Information:

Operating Temperature	-40 up to +85 °C
Storage Conditions (in original packaging)	< 40 °C; < 75 % RH
Moisture Sensitivity Level (MSL)	1
Mating Cycle	750
General Information	Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently
Compliant with IEEE 802.3ab	

Above: General Information row added.

Certification: <table border="1"> <tr><td>RoHS Approval</td><td></td></tr> <tr><td>REACH Approval</td><td></td></tr> <tr><td>cULus Approval</td><td></td></tr> <tr><td>UL Approval</td><td></td></tr> </table>	RoHS Approval		REACH Approval		cULus Approval		UL Approval		Certification: <table border="1"> <tr><td>RoHS Approval</td><td></td></tr> <tr><td>REACH Approval</td><td></td></tr> <tr><td>cURus Approval</td><td></td></tr> </table>	RoHS Approval		REACH Approval		cURus Approval	
RoHS Approval															
REACH Approval															
cULus Approval															
UL Approval															
RoHS Approval															
REACH Approval															
cURus Approval															
Above: cULus Approval corrected to cURus Approval and the UL Approval row removed.															
E331896 [UL-60950]	E472316 [UL 62368-1]														
Above: UL File Number corrected.															
74981104402:															
Before Change 	After Change 														
Above: The tolerance at the dimensions removed.															
															
Above: Logo and Part Number added.															

	
Above: J8 J1 label is added	
	
Above: LED labelling in the drawing added.	
	
Above: The word "Transformer" and the blank character between WE-RJ45 and LAN is removed. Through Hole Reflow in the Description added.	
	
Above: The Logo replaced by the new one.	

	PCB thickness = 1,6 mm Stencil thickness = 0,2 mm																												
Above: Recommended Stencil Design added.																													
<table><tr><td>Turns ratio</td><td>11</td><td></td></tr><tr><td>Data rate</td><td></td><td>1000 Base-T</td></tr><tr><td>PoE</td><td></td><td>non-PoE</td></tr></table>	Turns ratio	11		Data rate		1000 Base-T	PoE		non-PoE	<table><tr><td>Turns ratio</td><td>11</td><td></td></tr><tr><td>Data rate</td><td></td><td>1000BASE-T</td></tr><tr><td>PoE</td><td></td><td></td></tr></table>	Turns ratio	11		Data rate		1000BASE-T	PoE												
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Data rate		1000 Base-T																											
PoE		non-PoE																											
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Data rate		1000BASE-T																											
PoE																													
Above: All characters in BASE-T now capitalized.																													
<table><tr><td>Return Loss</td><td>RL</td><td>1-30 MHz @ 100 Ω</td></tr><tr><td>Return Loss</td><td>RL</td><td>30-60 MHz @ 100 Ω</td></tr><tr><td>Return Loss</td><td>RL</td><td>60-80 MHz @ 100 Ω</td></tr><tr><td>Return Loss</td><td>RL</td><td>80-100 MHz @ 100 Ω</td></tr></table>	Return Loss	RL	1-30 MHz @ 100 Ω	Return Loss	RL	30-60 MHz @ 100 Ω	Return Loss	RL	60-80 MHz @ 100 Ω	Return Loss	RL	80-100 MHz @ 100 Ω	<table><tr><td>Return Loss</td><td>RL</td><td>1-30 MHz</td></tr><tr><td>Return Loss</td><td>RL</td><td>30-60 MHz</td></tr><tr><td>Return Loss</td><td>RL</td><td>60-80 MHz</td></tr><tr><td>Return Loss</td><td>RL</td><td>80-100 MHz</td></tr></table>	Return Loss	RL	1-30 MHz	Return Loss	RL	30-60 MHz	Return Loss	RL	60-80 MHz	Return Loss	RL	80-100 MHz				
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Above: @100 Ω is removed																													
<table><tr><td>Return Loss</td><td>RL</td><td>30-60 MHz @ 100 Ω</td><td>-13.5</td><td>dB</td><td>min.</td></tr></table>	Return Loss	RL	30-60 MHz @ 100 Ω	-13.5	dB	min.	<table><tr><td>Return Loss</td><td>RL</td><td>30-60 MHz</td><td>-14</td><td>dB</td><td>min.</td></tr></table>	Return Loss	RL	30-60 MHz	-14	dB	min.																
Return Loss	RL	30-60 MHz @ 100 Ω	-13.5	dB	min.																								
Return Loss	RL	30-60 MHz	-14	dB	min.																								
Above: Return Loss value is corrected.																													
<table><tr><td>Common Mode Rejection Ratio</td><td>CMRR</td><td>60-100 MHz</td><td></td></tr><tr><td>Turns Ratio</td><td>n</td><td></td><td></td></tr><tr><td>Data rate</td><td></td><td></td><td>1000 Base-T</td></tr><tr><td>PoE</td><td></td><td></td><td>non-PoE</td></tr></table>	Common Mode Rejection Ratio	CMRR	60-100 MHz		Turns Ratio	n			Data rate			1000 Base-T	PoE			non-PoE	<table><tr><td>Common mode rejection ratio</td><td>CMRR</td><td>20-100 MHz</td><td></td></tr><tr><td>Turns Ratio</td><td>n</td><td></td><td></td></tr><tr><td>Data rate</td><td></td><td></td><td>1000BASE-T</td></tr></table>	Common mode rejection ratio	CMRR	20-100 MHz		Turns Ratio	n			Data rate			1000BASE-T
Common Mode Rejection Ratio	CMRR	60-100 MHz																											
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PoE			non-PoE																										
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Turns Ratio	n																												
Data rate			1000BASE-T																										
Above: PoE row in the Electrical Properties Table removed.																													
General Information: <table><tr><td>Properties</td><td>Value</td><td>Tol.</td></tr><tr><td colspan="3">It is recommended that the temperature of the component does not exceed +85 °C under worst case conditions</td></tr><tr><td>Operating Temperature</td><td>-40 up to +85 °C</td><td></td></tr><tr><td>Storage Conditions (in original packaging)</td><td>< 40 °C; < 75 % RH</td><td></td></tr><tr><td>Moisture Sensitivity Level (MSL)</td><td>1</td><td></td></tr><tr><td>Mating Cycle</td><td>750</td><td>min.</td></tr></table> Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently	Properties	Value	Tol.	It is recommended that the temperature of the component does not exceed +85 °C under worst case conditions			Operating Temperature	-40 up to +85 °C		Storage Conditions (in original packaging)	< 40 °C; < 75 % RH		Moisture Sensitivity Level (MSL)	1		Mating Cycle	750	min.	General Information: <table><tr><td>Operating Temperature</td><td>-40 up to +85 °C</td></tr><tr><td>Storage Conditions (in original packaging)</td><td>< 40 °C; < 75 % RH</td></tr><tr><td>Moisture Sensitivity Level (MSL)</td><td>1</td></tr><tr><td>Mating Cycle</td><td>750</td></tr><tr><td>General Information</td><td>Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently</td></tr></table> Compliant with IEEE 802.3ab	Operating Temperature	-40 up to +85 °C	Storage Conditions (in original packaging)	< 40 °C; < 75 % RH	Moisture Sensitivity Level (MSL)	1	Mating Cycle	750	General Information	Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently
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Mating Cycle	750																												
General Information	Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently																												
Above: First row in the General Information table removed.																													



General Information:

Properties	Value	Tol.
It is recommended that the temperature of the component does not exceed +85 °C under worst case conditions		
Operating Temperature	-40 up to +85 °C	
Storage Conditions (in original packaging)	< 40 °C ; < 75 % RH	
Moisture Sensitivity Level (MSL)	1	
Mating Cycle	750	min.
Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently		

General Information:

Operating Temperature	-40 up to +85 °C
Storage Conditions (in original packaging)	< 40 °C ; < 75 % RH
Moisture Sensitivity Level (MSL)	1
Mating Cycle	750
General Information	Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently
Compliant with IEEE 802.3ab	

Above: The row: "It is recommended that the temperature of the component does not exceed +85 °C under worst case conditions" in the General Information table removed.

General Information:

Properties	Value	Tol.
It is recommended that the temperature of the component does not exceed +85 °C under worst case conditions		
Operating Temperature	-40 up to +85 °C	
Storage Conditions (in original packaging)	< 40 °C ; < 75 % RH	
Moisture Sensitivity Level (MSL)	1	
Mating Cycle	750	min.
Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently		

General Information:

Operating Temperature	-40 up to +85 °C
Storage Conditions (in original packaging)	< 40 °C ; < 75 % RH
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Mating Cycle	750
General Information	Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently
Compliant with IEEE 802.3ab	

Above: General Information row added.

General Information:

Properties	Value	Tol.
It is recommended that the temperature of the component does not exceed +85 °C under worst case conditions		
Operating Temperature	-40 up to +85 °C	
Storage Conditions (in original packaging)	< 40 °C ; < 75 % RH	
Moisture Sensitivity Level (MSL)	1	
Mating Cycle	750	min.
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General Information:

Operating Temperature	-40 up to +85 °C
Storage Conditions (in original packaging)	< 40 °C ; < 75 % RH
Moisture Sensitivity Level (MSL)	1
Mating Cycle	750
General Information	Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently
Compliant with IEEE 802.3ab	

Above: Compliant with IEEE802.3ab added.

Certification:

RoHS Approval	
REACH Approval	
cULus Approval	
UL Approval	

Certification:

RoHS Approval	
REACH Approval	
cURus Approval	

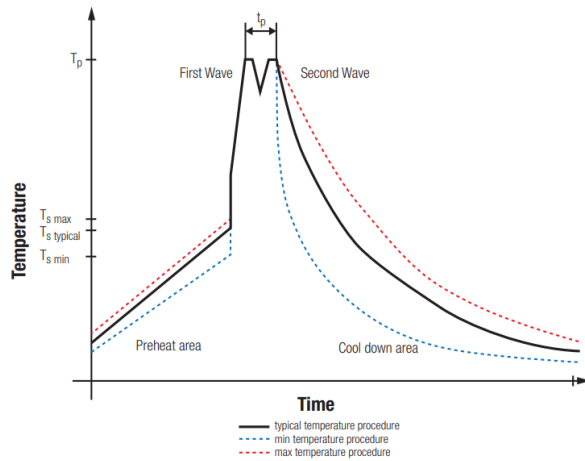
Above: cULus Approval corrected to cURus Approval and the UL Approval row removed.

E331896 [UL-60950]

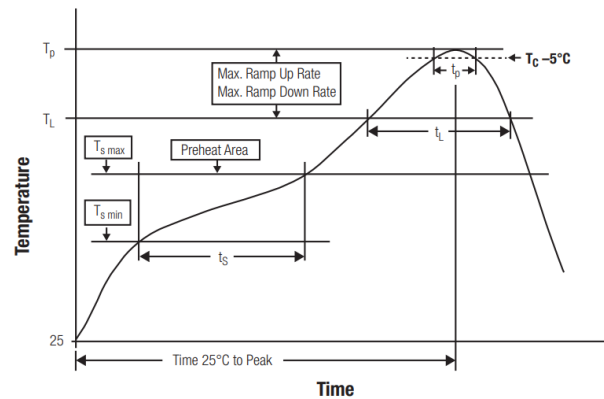
E472316 [UL 62368-1]

Above: UL File Number corrected.

Classification Wave Soldering Profile:



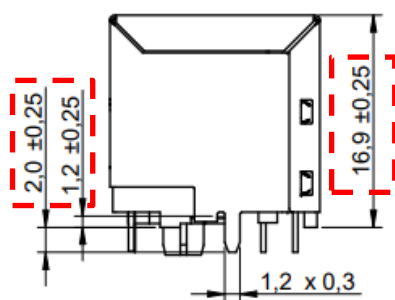
Classification Reflow Profile for SMT components:



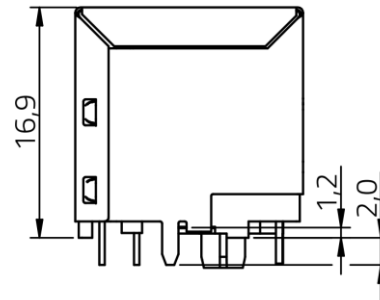
Above: Soldering Profile is corrected from Wave Soldering Profile to Reflow Profile for SMT components.

74984104401:

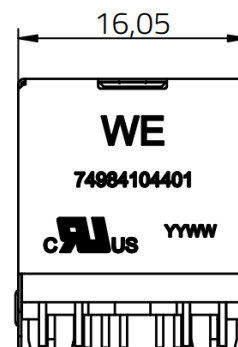
Before Change



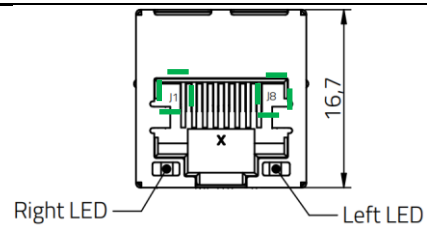
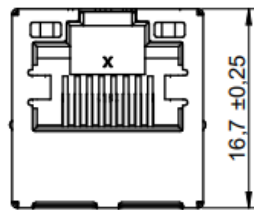
After Change



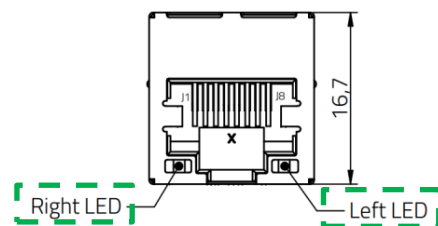
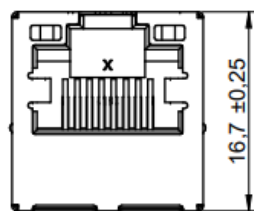
Above: The tolerance at the dimensions removed.



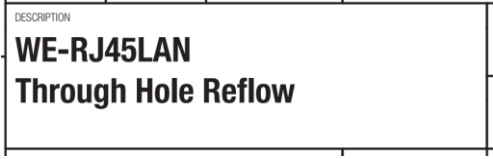
Above: Logo and Part Number added.



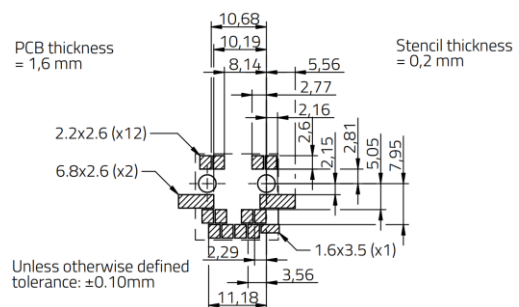
Above: J8 J1 label added.



Above: LED labelling in the drawing added.



Above: "Transformer" in description removed.



Above: Recommended Stencil Design added.

Return Loss	RL	1-30 MHz @ 100 Ω	-16
Return Loss	RL	30-60 MHz	-14
Return Loss	RL	60-80 MHz @ 100 Ω	-12
Return Loss	RL	80-100 MHz @ 100 Ω	-10

Return Loss	RL	1-30 MHz
Return Loss	RL	30-60 MHz
Return Loss	RL	60-80 MHz
Return Loss	RL	80-100 MHz

Above: @100 Ω is removed

10/100BASE-T

10/100BASE-TX

Above: "X" added in the media type designation.

General Information:

Operating Temperature	-40 up to +85 °C
Storage Conditions (in original packaging)	< 40 °C; < 75 % RH
Moisture Sensitivity Level (MSL)	1
Mating Cycle	750
Compliant with IEEE 802.3at	
Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently It is recommended that the temperature of the component does not exceed +85 °C under worst case conditions	

General Information:

Operating Temperature	-40 up to +85 °C
Storage Conditions (in original packaging)	< 40 °C; < 75 % RH
Moisture Sensitivity Level (MSL)	1
Mating Cycle	750
Test conditions of Electrical Properties: +20 °C, 33 % RH if not specified differently It is recommended that the temperature of the component does not exceed +85 °C under worst case conditions	

Above: The row: "Compliant with IEEE 802.3at" is removed

Power over Ethernet Properties:

Designed to support applications up to 600 mA per centre tap.
Compliant with IEEE 802.3at

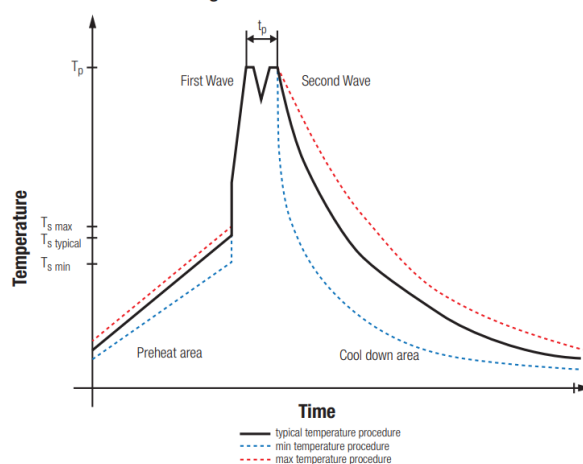
Above: PoE table added.

E331896 [UL-60950]

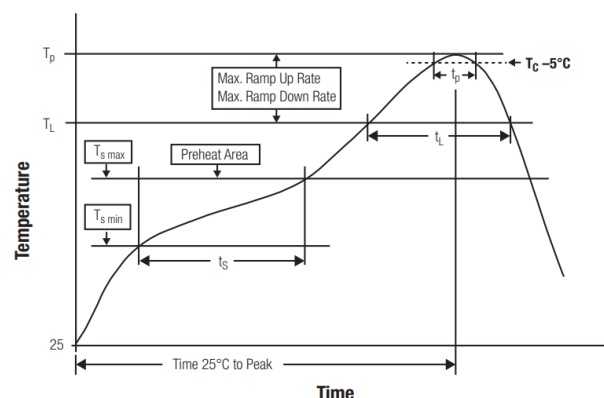
E472316 [UL 62368-1]

Above: UL File Number corrected.

Classification Wave Soldering Profile:



Classification Reflow Profile for SMT components:



Above: Soldering Profile is corrected from Wave Soldering Profile to Reflow Profile for SMT components.



P/Ns:

74980100001	7498111123	74980100000	74981102100	74984104401
74980111212	7498111124	74980101200	74981104402	

Reliability / Qualification Summary:

There will be no change of the product, therefore no additional reliability or qualification testing will be performed.