

THIS DRAWING IS UNPUBLISHED.

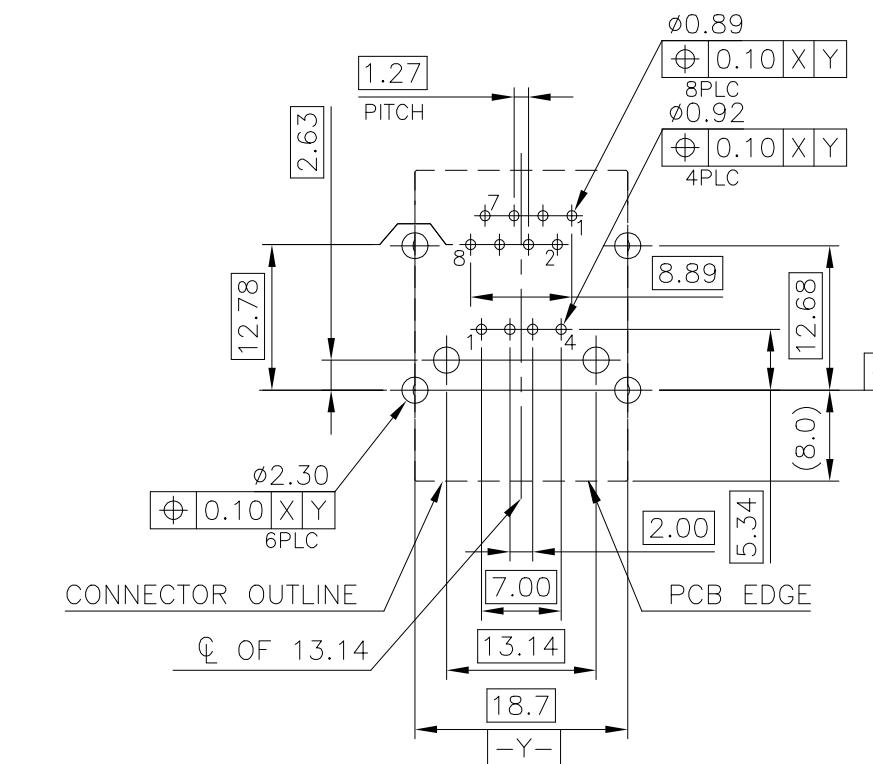
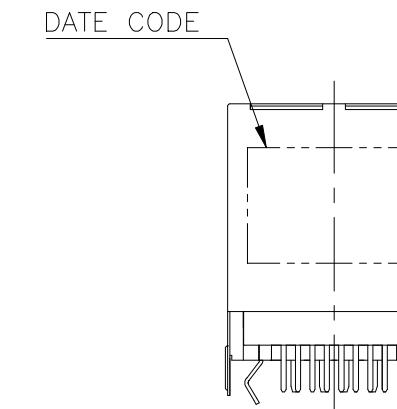
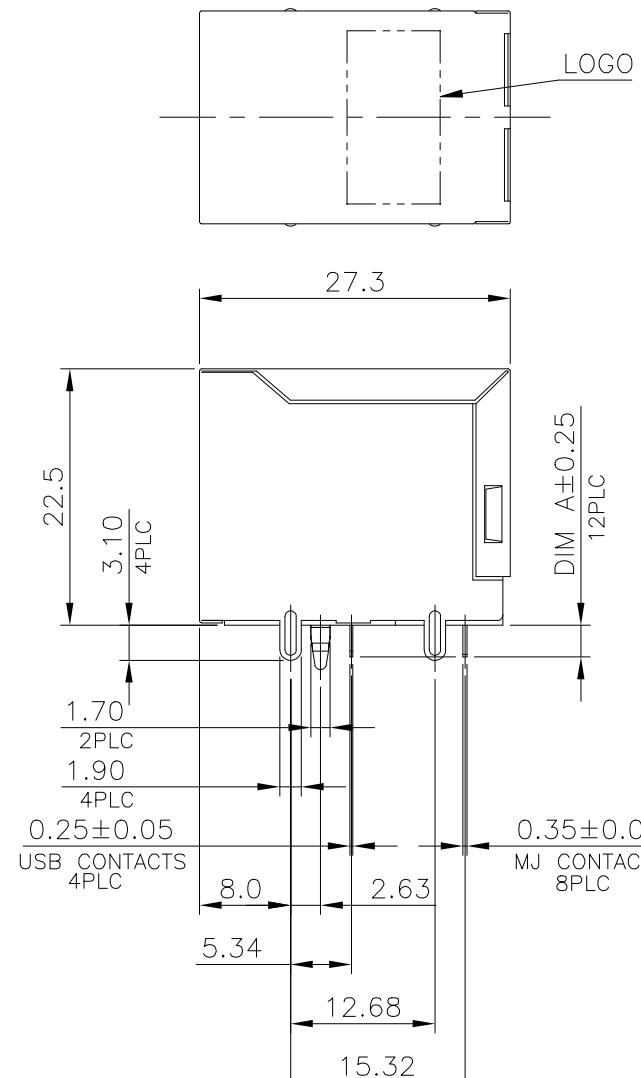
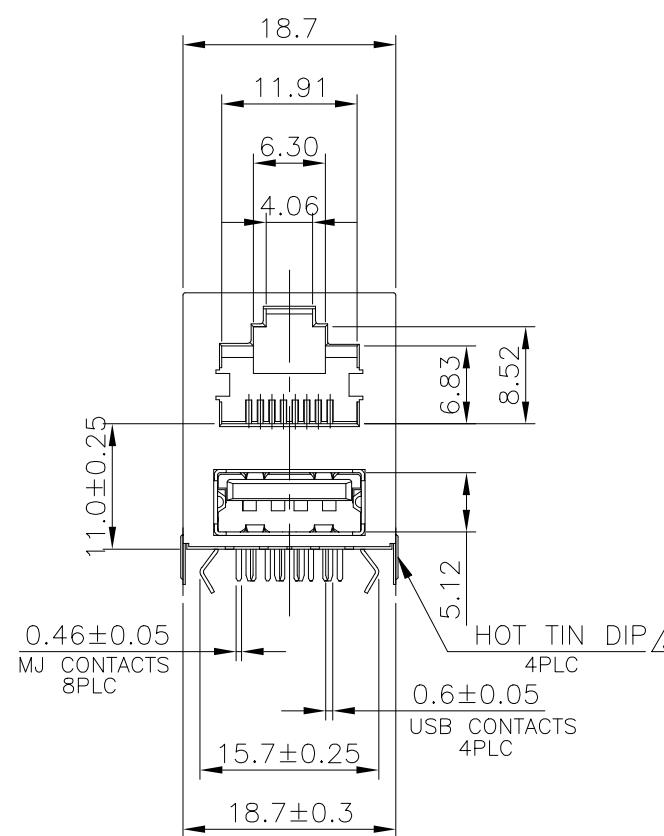
RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

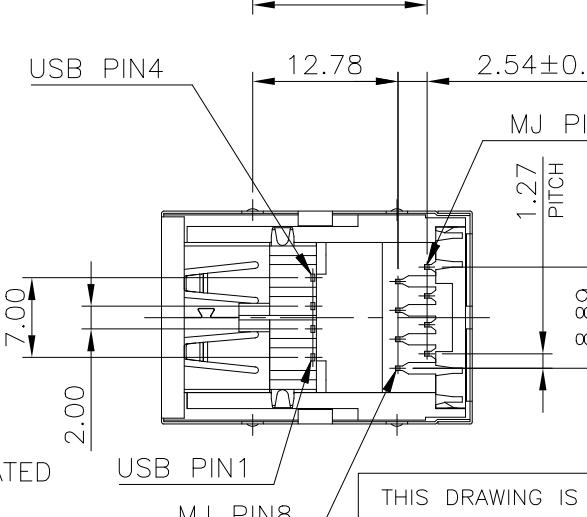
© COPYRIGHT - TE Connectivity Ltd.

## REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
E		REVISE PER ECO-18-001534	30JAN2018	LL	SH



RECOMMENDED PCB LAYOUT  
RECOMMENDED PCB THICKNESS: 1.6mm  
TOLERANCE:  $\pm 0.05$  (TOP VIEW)



NOTE:

1. MATERIAL:
  - 1.1 MJ HOUSING: PBT, WITH 30% GF, UL94 V-0, COLOR: SEE TABLE.
  - 1.2 MJ CONTACTS: PHOSPHOR BRONZE.
  - 1.3 MJ SHIELD: BRASS.
  - 1.4 USB HOUSING: PBT, UL94 V-0, COLOR: SEE TABLE.
  - 1.5 USB CONTACTS: BRASS.
  - 1.6 USB SHIELD: SPCC.
2. FINISH:
  - 2.1 MJ CONTACTS: SELECTIVE GOLD PLATED (SEE TABLE) ON CONTACT AREA, GOLD FLASH ON SOLDER TAILS, 1.27um [50u"] MIN. NICKEL UNDERPLATED OVERALL.
  - 2.2 MJ SHIELD: 0.508um [20u"] MIN. NICKEL PLATED.
  - 2.3 USB CONTACT: SELECTIVE GOLD PLATED (SEE TABLE) ON CONTACT AREA, 2.54um [100u"] MIN. BRIGHT-TIN PLATED ON SOLDER TAILS, 1.27um [50u"] MIN. NICKEL UNDERPLATED OVERALL.
  - 2.4 USB SHIELD: 2.032um [80u"] MIN. NICKEL PLATED.
3.  $\triangle$  HOT TIN DIP ON SHELL'S LEGS.
4. WAVE SOLDER CAPABLE TO 265°C PER TE CONNECTIVITY SPEC. 109-202, CONDITION B.
5. RJ45 CAVITY CONFIRMS TO FCC RULES AND REGULATIONS PART 68, SUBPART F.

ITEM	DESCRIPTION	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N	DIM O	DIM P	DIM Q	DIM R	DIM S	DIM T	DIM U	DIM V	DIM W	DIM X	DIM Y	DIM Z	WEIGHT (gram)	HOT TIN DIP ON SHELL'S LEGS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N	DIM O	DIM P	DIM Q	DIM R	DIM S	DIM T	DIM U	DIM V	DIM W	DIM X	DIM Y	DIM Z	WEIGHT (gram)	HOT TIN DIP ON SHELL'S LEGS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N	DIM O	DIM P	DIM Q	DIM R	DIM S	DIM T	DIM U	DIM V	DIM W	DIM X	DIM Y	DIM Z	WEIGHT (gram)	HOT TIN DIP ON SHELL'S LEGS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N	DIM O	DIM P	DIM Q	DIM R	DIM S	DIM T	DIM U	DIM V	DIM W	DIM X	DIM Y	DIM Z	WEIGHT (gram)	HOT TIN DIP ON SHELL'S LEGS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N	DIM O	DIM P	DIM Q	DIM R	DIM S	DIM T	DIM U	DIM V	DIM W	DIM X	DIM Y	DIM Z	WEIGHT (gram)	HOT TIN DIP ON SHELL'S LEGS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N	DIM O	DIM P	DIM Q	DIM R	DIM S	DIM T	DIM U	DIM V	DIM W	DIM X	DIM Y	DIM Z	WEIGHT (gram)	HOT TIN DIP ON SHELL'S LEGS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N	DIM O	DIM P	DIM Q	DIM R	DIM S	DIM T	DIM U	DIM V	DIM W	DIM X	DIM Y	DIM Z	WEIGHT (gram)	HOT TIN DIP ON SHELL'S LEGS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N	DIM O	DIM P	DIM Q	DIM R	DIM S	DIM T	DIM U	DIM V	DIM W	DIM X	DIM Y	DIM Z	WEIGHT (gram)	HOT TIN DIP ON SHELL'S LEGS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N	DIM O	DIM P	DIM Q	DIM R	DIM S	DIM T	DIM U	DIM V	DIM W	DIM X	DIM Y	DIM Z	WEIGHT (gram)	HOT TIN DIP ON SHELL'S LEGS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N	DIM O	DIM P	DIM Q	DIM R	DIM S	DIM T	DIM U	DIM V	DIM W	DIM X	DIM Y	DIM Z	WEIGHT (gram)	HOT TIN DIP ON SHELL'S LEGS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N	DIM O	DIM P	DIM Q	DIM R	DIM S	DIM T	DIM U	DIM V	DIM W	DIM X	DIM Y	DIM Z	WEIGHT (gram)	HOT TIN DIP ON SHELL'S LEGS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N	DIM O	DIM P	DIM Q	DIM R	DIM S	DIM T	DIM U	DIM V	DIM W	DIM X	DIM Y	DIM Z	WEIGHT (gram)	HOT TIN DIP ON SHELL'S LEGS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N	DIM O	DIM P	DIM Q	DIM R	DIM S	DIM T	DIM U	DIM V	DIM W	DIM X	DIM Y	DIM Z	WEIGHT (gram)	HOT TIN DIP ON SHELL'S LEGS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N	DIM O	DIM P	DIM Q	DIM R	DIM S	DIM T	DIM U	DIM V	DIM W	DIM X	DIM Y	DIM Z	WEIGHT (gram)	HOT TIN DIP ON SHELL'S LEGS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N	DIM O	DIM P	DIM Q	DIM R	DIM S	DIM T	DIM U	DIM V	DIM W	DIM X	DIM Y	DIM Z	WEIGHT (gram)	HOT TIN DIP ON SHELL'S LEGS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N	DIM O	DIM P	DIM Q	DIM R	DIM S	DIM T	DIM U	DIM V	DIM W	DIM X	DIM Y	DIM Z	WEIGHT (gram)	HOT TIN DIP ON SHELL'S LEGS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N	DIM O	DIM P	DIM Q	DIM R	DIM S	DIM T	DIM U	DIM V	DIM W	DIM X	DIM Y	DIM Z	WEIGHT (gram)	HOT TIN DIP ON SHELL'S LEGS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N	DIM O	DIM P	DIM Q	DIM R	DIM S	DIM T	DIM U	DIM V	DIM W	DIM X	DIM Y	DIM Z	WEIGHT (gram)	HOT TIN DIP ON SHELL'S LEGS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N	DIM O	DIM P	DIM Q	DIM R	DIM S	DIM T	DIM U	DIM V	DIM W	DIM X	DIM Y	DIM Z	WEIGHT (gram)	HOT TIN DIP ON SHELL'S LEGS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N	DIM O	DIM P	DIM Q	DIM R	DIM S	DIM T	DIM U	DIM V	DIM W	DIM X	DIM Y	DIM Z	WEIGHT (gram)	HOT TIN DIP ON SHELL'S LEGS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N	DIM O	DIM P	DIM Q	DIM R	DIM S	DIM T	DIM U	DIM V	DIM W	DIM X	DIM Y	DIM Z	WEIGHT (gram)	HOT TIN DIP ON SHELL'S LEGS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	DIM J	DIM K	DIM L	DIM M	DIM N	



THIS DRAWING IS UNPUBLISHED.

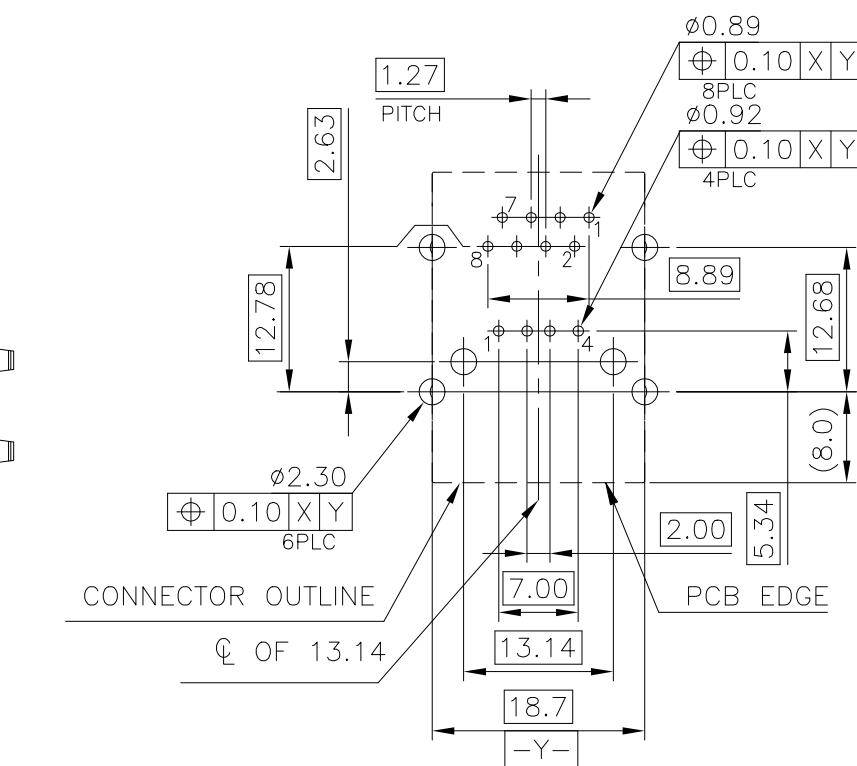
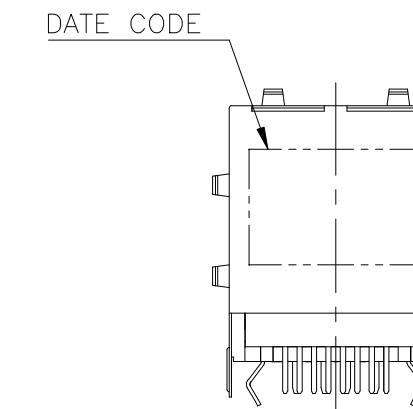
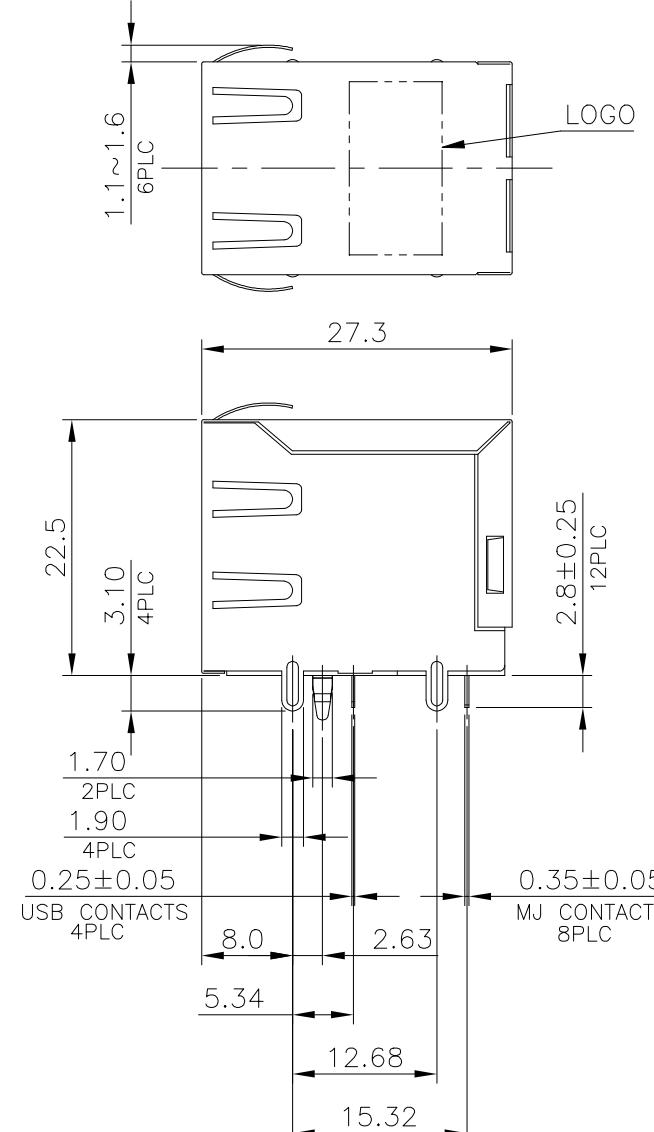
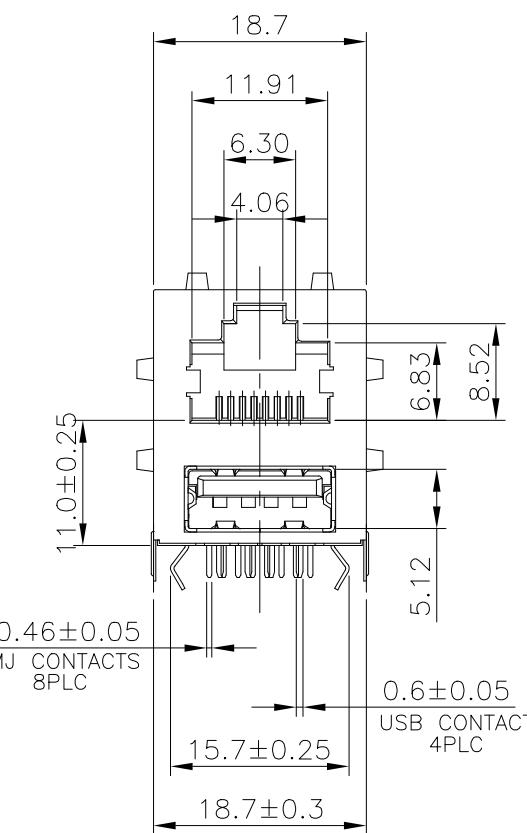
RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

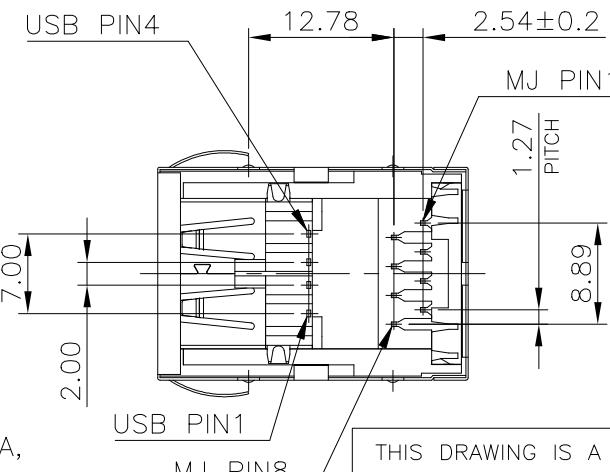
© COPYRIGHT - TE Connectivity Ltd.

## REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



RECOMMENDED PCB LAYOUT  
RECOMMENDED PCB THICKNESS: 1.6mm  
TOLERANCE: ±0.05 (TOP VIEW)



## NOTE:

1. MATERIAL:
  - 1.1 MJ HOUSING: PBT, WITH 30% GF, UL94V-0, COLOR: SEE TABLE.
  - 1.2 MJ CONTACTS: PHOSPHOR BRONZE.
  - 1.3 MJ SHIELD: BRASS.
  - 1.4 USB HOUSING: PBT, UL94V-0, COLOR: SEE TABLE.
  - 1.5 USB CONTACTS: BRASS.
  - 1.6 USB SHIELD: SPCC.

2. FINISH:
  - 2.1 MJ CONTACTS: GOLD FLASH PLATED ON CONTACT AREA, GOLD FLASH ON SOLDER TAILS, 1.27um [50u"] MIN. NICKEL UNDERPLATED OVERALL.

- 2.2 MJ SHIELD: 0.508um [20u"] MIN. NICKEL PLATED.

- 2.3 USB CONTACT: GOLD FLASH PLATED ON CONTACT AREA, 2.54um [100u"] MIN. BRIGHT-TIN PLATED ON SOLDER TAILS, 1.27um [50u"] MIN. NICKEL UNDERPLATED OVERALL.

- 2.4 USB SHIELD: 2.032um [80u"] MIN. NICKEL PLATED.

3. WAVE SOLDER CAPABLE TO 265°C PER TE CONNECTIVITY SPEC. 109-202, CONDITION B.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: TOLERANCES UNLESS OTHERWISE SPECIFIED:

mm

0 PLC ± -

1 PLC ± 0.3

2 PLC ± 0.2

3 PLC ± 0.15

4 PLC ± -

ANGLES ± 3°

MATERIAL FINISH

SEE TABLE

-

DWN B. HSING 12JUN2009

CHK S. CHIEN 12JUN2009

APVD W. KODAMA 12JUN2009

PRODUCT SPEC

108-57802

APPLICATION SPEC

-

CUSTOMER DRAWING



TE Connectivity Ltd.

MODULAR JACK, RJ45, STACKED OVER, USB CONN., DIP TYPE

12.69 5-1775855-1

WEIGHT (gram) PART NUMBER

A3 00779 C-1775855

-

-

-

-

-

THIS DRAWING IS UNPUBLISHED.

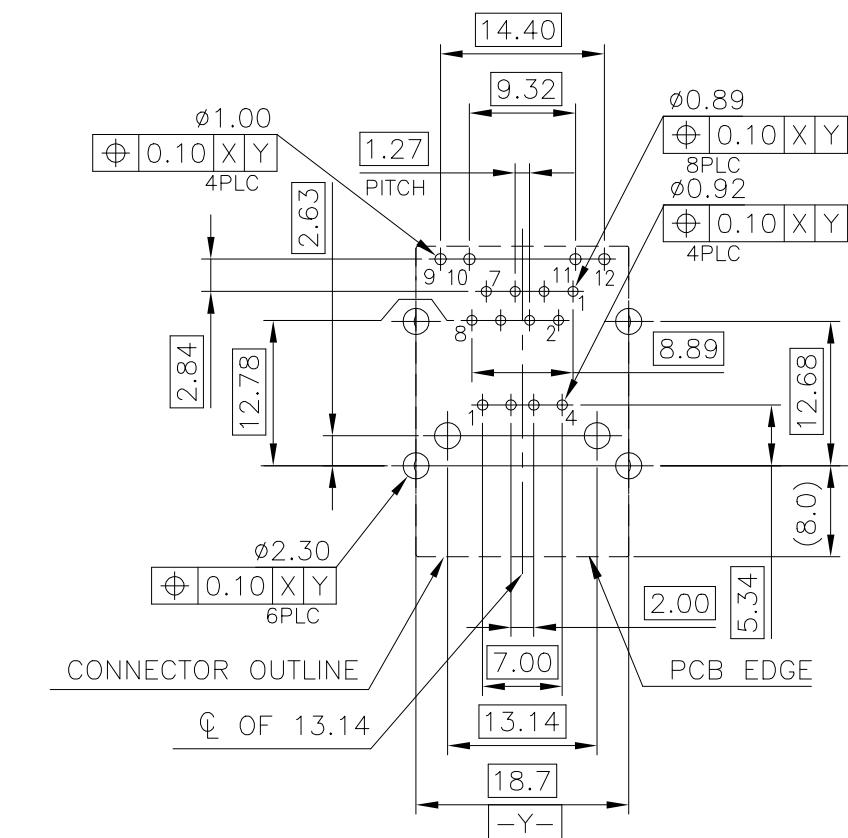
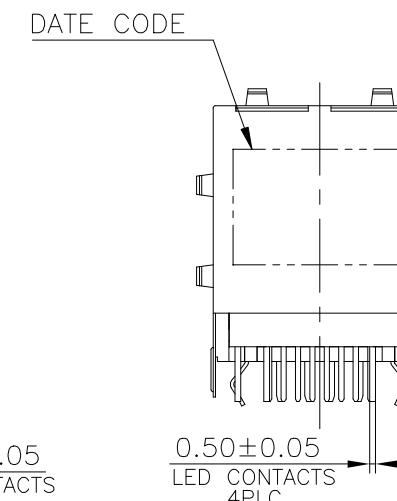
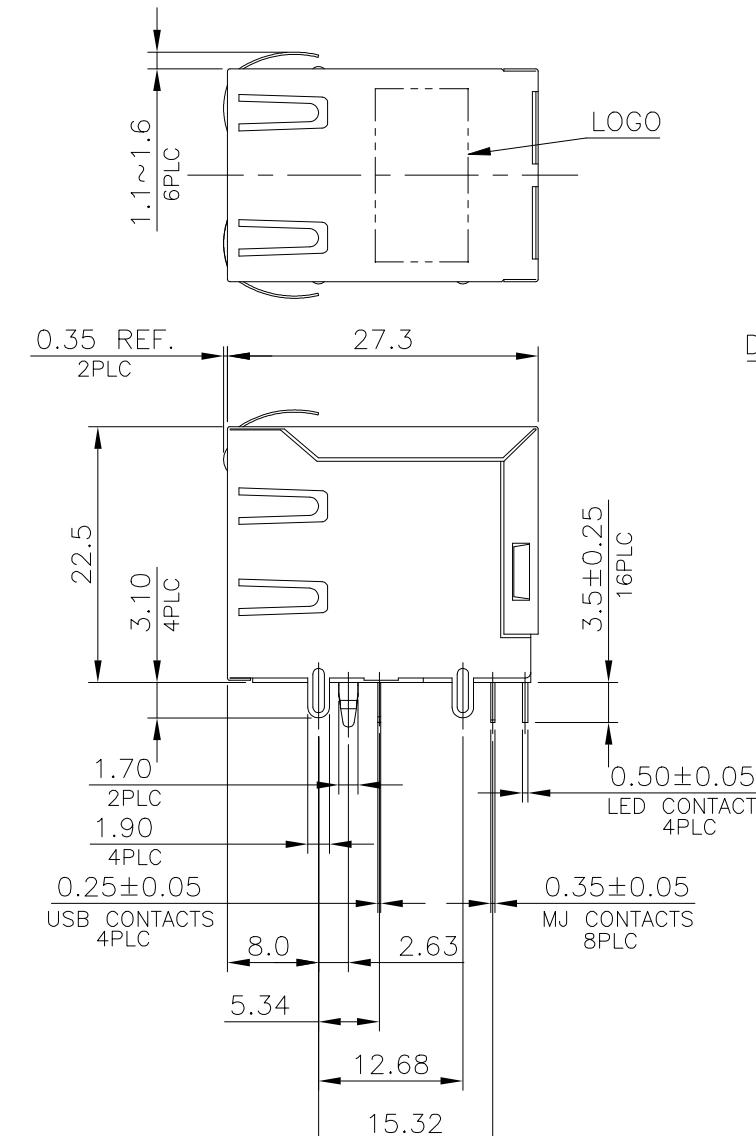
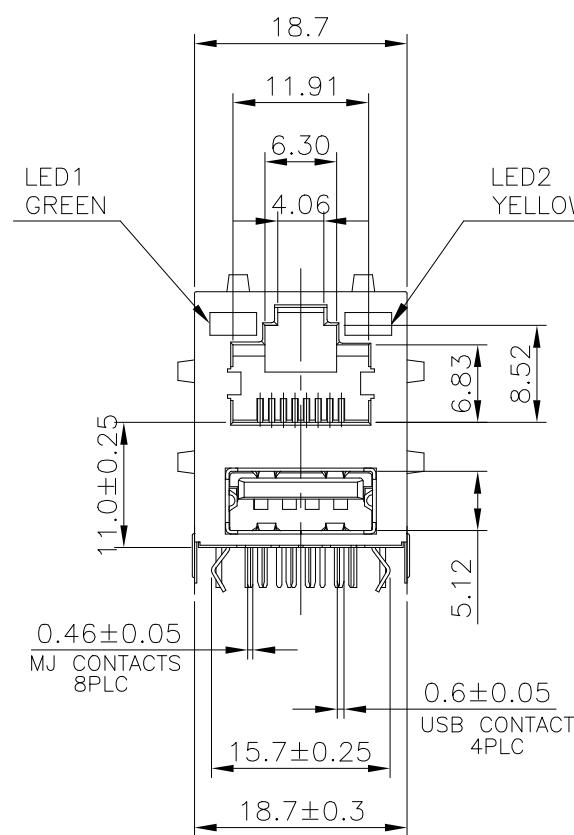
RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

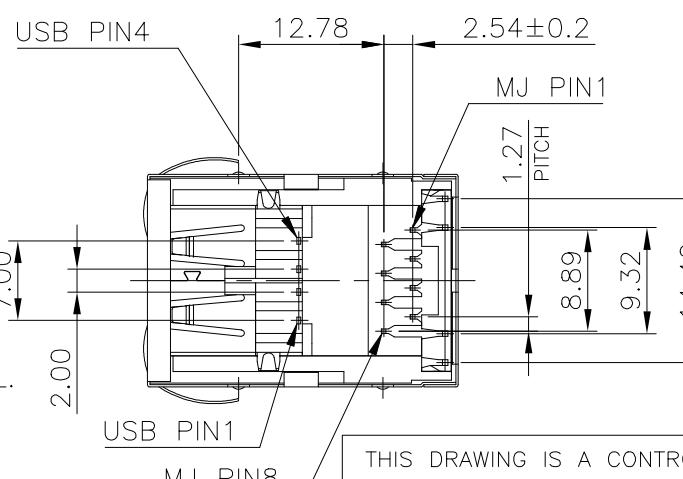
© COPYRIGHT - TE Connectivity Ltd.

## REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



RECOMMENDED PCB LAYOUT  
RECOMMENDED PCB THICKNESS: 1.6mm  
TOLERANCE: ±0.05 (TOP VIEW)



LED ELECTRICAL CHARACTERISTIC			
NO.	NODE	COLOR	
LED1	9(+) 10(-)	GREEN	9→10
LED2	11(+) 12(-)	YELLOW	11→12

OBsolete	12.90	0.762um [30u"]	6-1775855-3
		GOLD FLASH	6-1775855-1
	WEIGHT (gram)	MIN. GOLD THICKNESS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm		
0 PLC		± -
1 PLC		± 0.3
2 PLC		± 0.2
3 PLC		± 0.15
4 PLC		± -
ANGLES		± 3°
MATERIAL	FINISH	
SEE TABLE	-	

DWN	12JUN2009
CHK	12JUN2009
S. CHIEN	
APVD	12JUN2009
W. KODAMA	
PRODUCT SPEC	
108-57802	
APPLICATION SPEC	
—	
WEIGHT	—
CUSTOMER DRAWING	

**TE** TE Connectivity Ltd.

MODULAR JACK, RJ45, STACKED OVER,  
USB CONN., DIP TYPE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1775855	—

SCALE 1:1 SHEET 4 OF 5 REV E

THIS DRAWING IS UNPUBLISHED

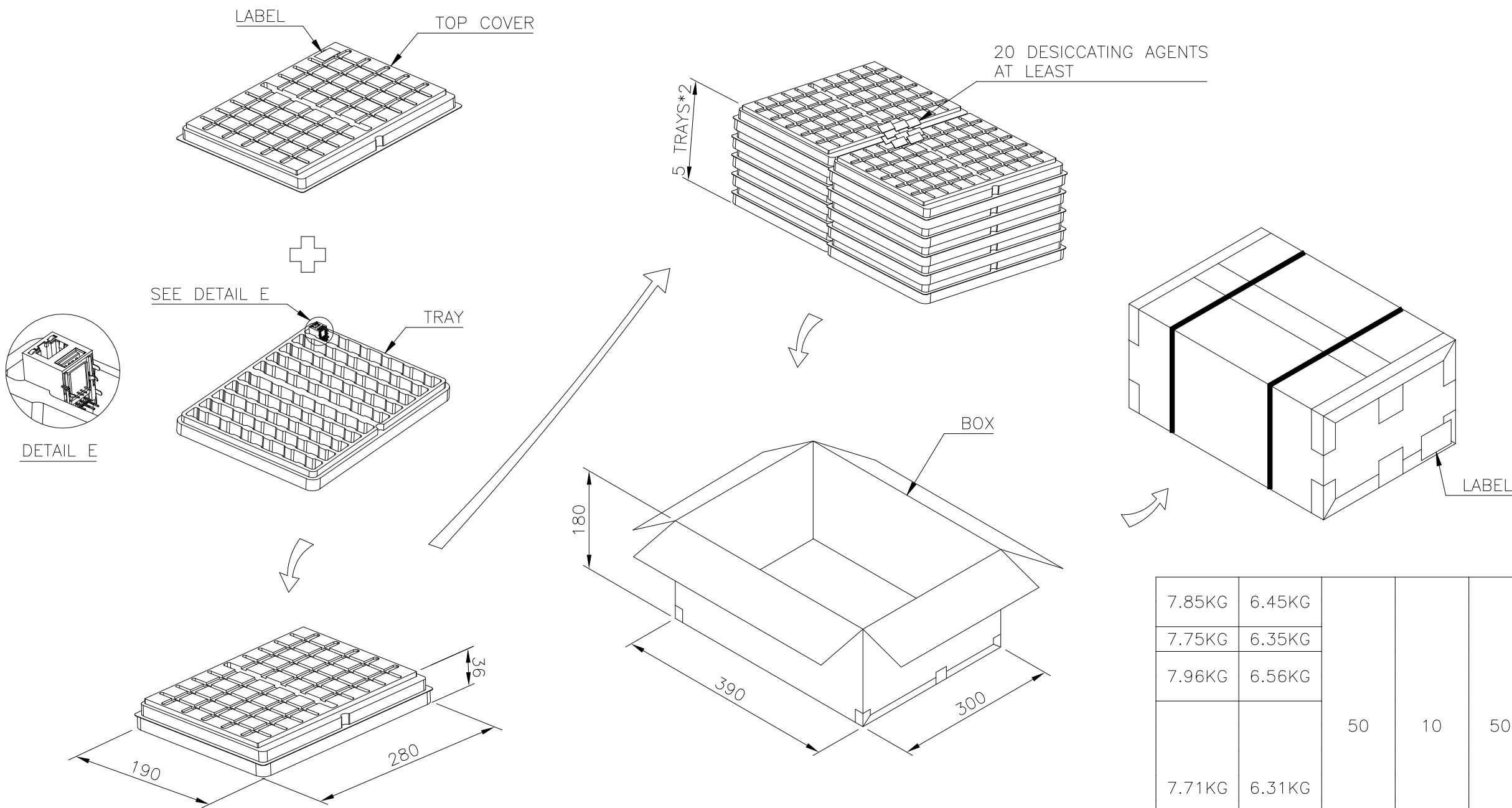
RELEASED FOR PUBLICAT

ALL RIGHTS RESERVED

© COPYRIGHT - TE Connectivity Ltd.

## REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APV
	—	SEE SHEET 1	—	—	—



## NOTES

1. MATERIAL:  
TRAY: PVC.  
BOX: CORRUGATED FIBER
2. DIMENSION: SEE DRAWING
3. QUANTITY: SEE TABLE
4. WEIGHT: SEE TABLE

THIS DRAWING IS A CONTROLLED DOCUMENT

THIS DRAWING IS A CONTROLLED DOCUMENT.		B. HSING CHK 12JUN2009	TE Connectivity Ltd.					
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		S. CHIEN APVD 12JUN2009 W. KODAMA PRODUCT SPEC 108-57802 APPLICATION SPEC —				
		0 PLC ± – 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± 0.15 4 PLC ± – ANGLES ± 3°		NAME MODULAR JACK, RJ45, STACKED OVER, USB CONN., DIP TYPE — SIZE   CAGE CODE   DRAWING NO A3 00779 C-1775855				
MATERIAL SEE TABLE		FINISH —		WEIGHT —		RESTRICTED		
				CUSTOMER DRAWING		SCALE 1:1	SHEET 5 OF 5	REV E

# Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[6-1775855-1](#)