



4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

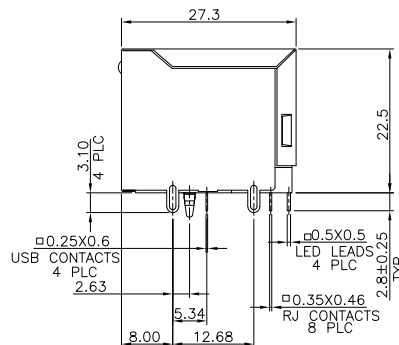
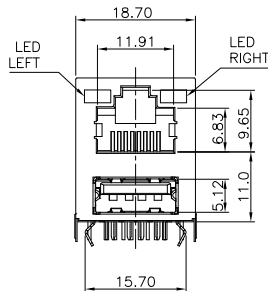
COPYRIGHT BY

LOC  
DWDIST  
—

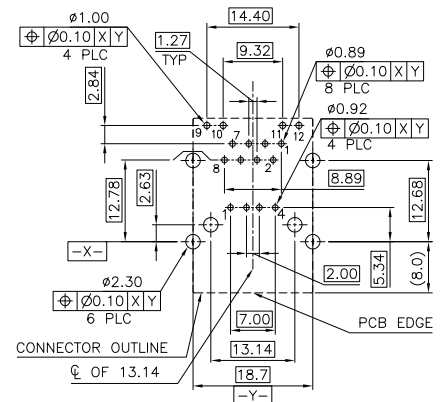
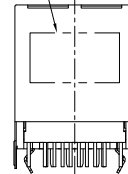
## REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
—	—	SEE SHEET 1.	—	—	—

LOGO



DATE CODE

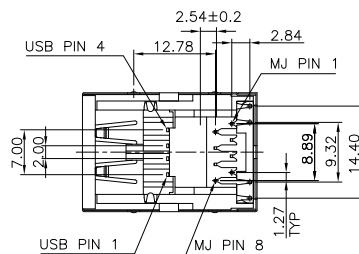
RECOMMENDED PCB LAYOUT  
RECOMMENDED PCB THICKNESS: 1.6mm  
TOLERANCE: ±0.05 (TOP VIEW)

## NOTE:

1. MATERIAL:  
MJ HOUSING: PBT WITH 30% GF, UL 94V-0, BLACK COLOR.  
MJ CONTACTS: PHOSPHOR BRONZE.  
MJ SHIELD: BRASS.  
LED LIGHT: EPOXY RESIN.  
USB HOUSING: PBT, UL 94V-0, BLACK COLOR.  
USB CONTACTS: BRASS.  
USB SHIELD: COLD ROLLED STEEL SHEET.

2. FINISH:  
MJ CONTACTS: GOLD FLASH ON CONTACT AREA & SOLDER TAILS,  
WITH ENTIRE CONTACT UNDERPLATED 1.27μm [50μ"] MIN. NICKEL.  
MJ SHIELD: 0.508μm [20μ"] MIN. NICKEL PLATED.  
USB CONTACT: GOLD FLASH ON CONTACT AREA,  
2.54μm [100μ"] MIN. BRIGHT-TIN PLATED ON SOLDER TAILS,  
WITH ENTIRE CONTACT UNDERPLATED 1.27μm [50μ"] MIN. NICKEL.  
USB SHIELD: 2.032μm [80μ"] MIN. NICKEL PLATED.  
LED LEAD: 2.159μm [85μ"] MIN. BRIGHT-TIN PLATED.

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



LED SCHEMATIC	
LED LEFT	LED RIGHT
ORANGE	ORANGE
9+ — —10	11+ — —12
GREEN	GREEN
FOR 4-1775855-1	

LED SCHEMATIC	
LED LEFT	LED RIGHT
GREEN	GREEN
9+ — —10	11+ — —12
ORANGE	ORANGE
FOR 4-1775855-2	

GREEN/ORANGE	GREEN	4-1775855-2
ORANGE/GREEN	ORANGE/GREEN	4-1775855-1
LEFT	RIGHT	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
MM			
0 PLC	± 0.50		
1 PLC	± 0.38		
2 PLC	± 0.25		
3 PLC	± 0.10		
4 PLC	± 0.05		
ANGLES	± 3°		
MATERIAL	SEE NOTE	FINISH	SEE NOTE

DWN	CHK
APVD	PRODUCT SPEC
APPLICATION SPEC	108-57802
WEIGHT	12.6 GRAMS
CUSTOMER DRAWING	

TE Connectivity			
NAME			
MODULAR JACK, RJ45, STACKED OVER, USB CONN., DIP TYPE			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C=1775855	—
SCALE		SHEET	REV
—		2 of 5	D1



4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

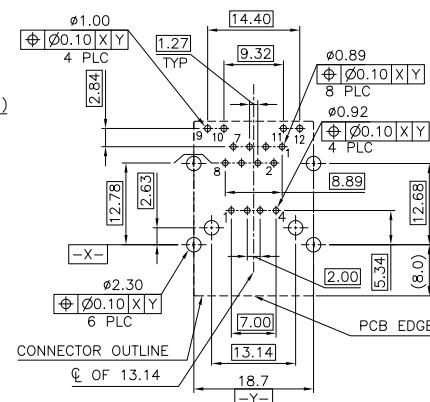
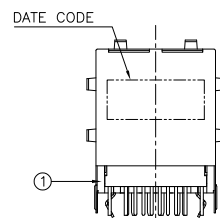
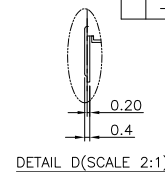
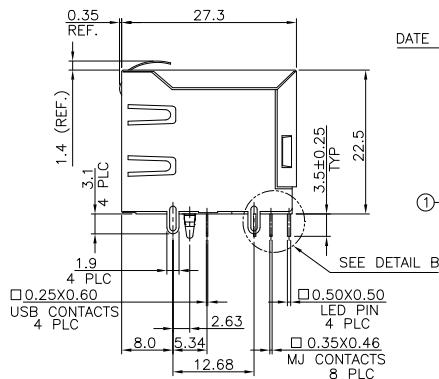
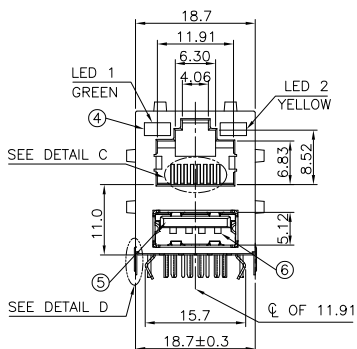
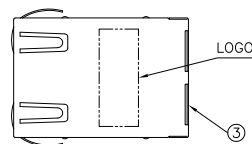
COPYRIGHT - BY -

LOC  
DWDIST  
-

REVISIONS

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

LED SCHEMATIC	
LED 1	LED 2
GREEN	YELLOW
9+ $\rightarrow$ 10	11+ $\rightarrow$ 12

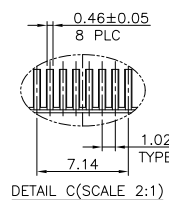
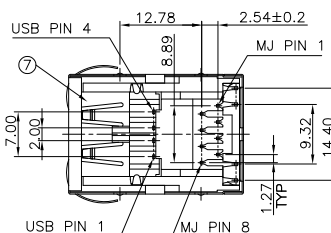


RECOMMENDED PCB LAYOUT  
RECOMMENDED PCB THICKNESS: 1.6mm  
TOLERANCE:  $\pm 0.05$  (TOP VIEW)

NOTE:

- MATERIAL:
  - MJ HOUSING & LED COVER: PBT, WITH 30% GF, UL 94V-0, BLACK COLOR.
  - MJ CONTACTS: PHOSPHOR BRONZE.
  - MJ SHELL: BRASS.
  - LED SOLDER TAIL: STEEL.
  - USB HOUSING: PBT, WITH 30% GF, UL 94V-0, BLACK COLOR.
  - USB CONTACT: BRASS.
  - USB SHIELD: SPCC.
- FINISH:
  - MJ CONTACTS: (SEE TABLE) GOLD PLATED ON CONTACT AREA, GOLD FLASH ON SOLDER TAIL, WITH ENTIRE CONTACT UNDERPLATED  $1.27\mu\text{m}$  [50 $\mu$ ] MIN. NICKEL.
  - MJ SHELL:  $0.508\mu\text{m}$  [20 $\mu$ ] MIN. NICKEL PLATED.
  - LED SOLDER TAIL:  $2.159\mu\text{m}$  [85 $\mu$ ] MIN. TIN PLATED.
  - USB CONTACTS:  $0.762\mu\text{m}$  [30 $\mu$ ] MIN. GOLD PLATED ON CONTACT AREA,  $2.54\mu\text{m}$  [100 $\mu$ ] MIN. TIN PLATED ON SOLDER TAIL, WITH ENTIRE CONTACT UNDERPLATED  $1.27\mu\text{m}$  [50 $\mu$ ] MIN. NICKEL.
  - USB SHIELD:  $2.032\mu\text{m}$  [80 $\mu$ ] MIN. NICKEL PLATED.

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



0.762 $\mu\text{m}$ [30 $\mu$ ]	6-1775855-3
GOLD FLASH	6-1775855-1
MJ MIN. GOLD THICKNESS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
MM			
	0 PLC	$\pm$	
	1 PLC	$\pm 0.30$	
	2 PLC	$\pm 0.20$	
	3 PLC	$\pm 0.15$	
	4 PLC	$\pm$	
MATERIAL		FINISH	
SEE NOTE		SEE NOTE	

TE Connectivity

NAME				
MODULAR JACK, RJ45, STACKED OVER, USB CONN., DIP TYPE				
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
A3	00779	C=1775855	—	
WEIGHT 12.6 GRAMS		SCALE —	SHEET 4 of 5	REV D1
CUSTOMER DRAWING				

