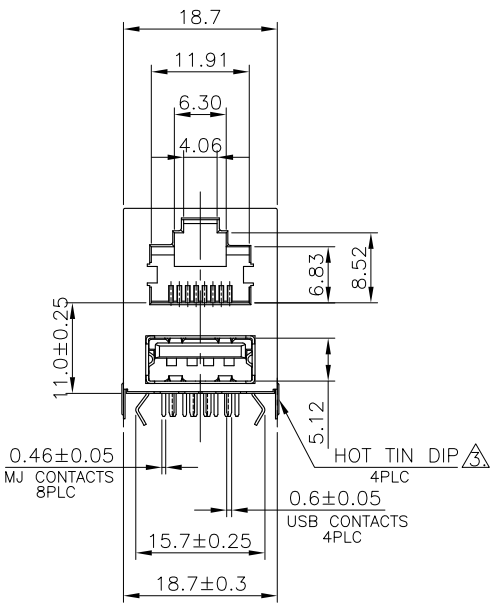
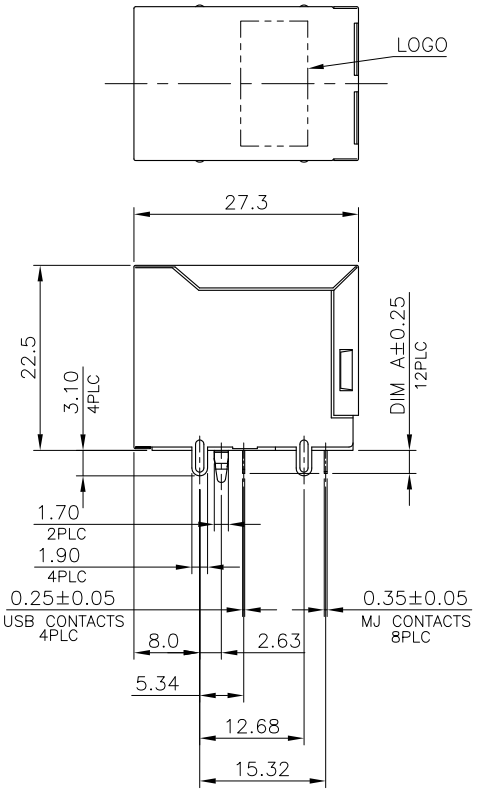
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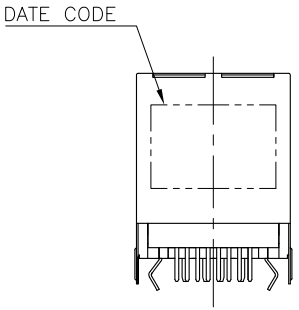
LOC	DIST
DW	—

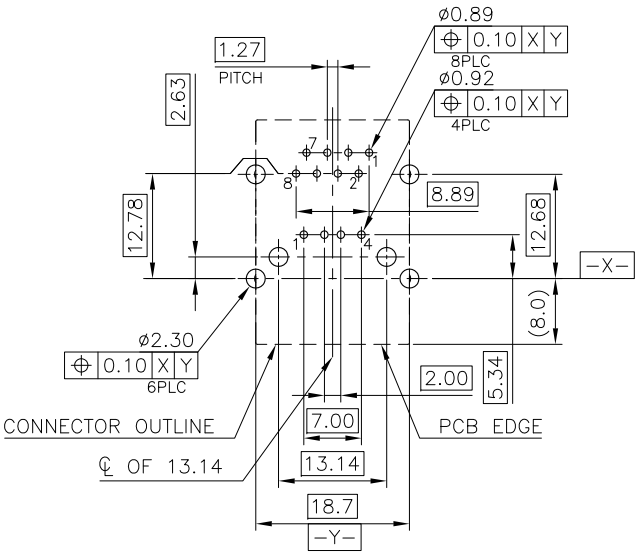
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	D3	REVISED (ECR-12-012115) OBSOLETE P/N 2-1, 2-2, 3-1 & 6-1	26OCT'12	E.L.	W.K.

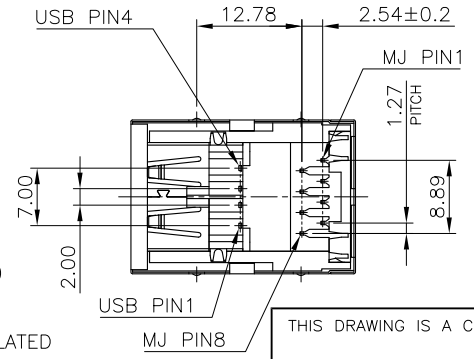








RECOMMENDED PCB LAYOUT
RECOMMENDED PCB THICKNESS: 1.6mm
TOLERANCE: ±0.05 (TOP VIEW)



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 HOT TIN DIP ON SHELL'S LEGS.

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

OBSOLETE	12.61	WITHOUT HTD	2.8	BLACK	0.762um [30u"]	~~3-1775855-1~~
				COOL GRAY 1C	GOLD FLASH	~~2-1775855-2~~
				BLACK	GOLD FLASH	~~2-1775855-1~~
		WITH HTD △3		BLACK	0.762um [30u"]	1-1775855-1
			2.6	BLACK	GOLD FLASH	1775855-3
			2.8	GOOL GRAY 1C	GOLD FLASH	1775855-2
				BLACK	GOLD FLASH	1775855-1
	WEIGHT (gram)	HOT TIN DIP ON SHELL'S LEGS	DIM A	HOUSING COLOR	MIN. GOLD THICKNESS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± -
1 PLC	± 0.3
2 PLC	± 0.2
3 PLC	± 0.15
4 PLC	± -
ANGLES	± 3°

MATERIAL: SEE NOTE
FINISH: SEE NOTE

DWN	B. HSING 12JUN2009
CHK	S. CHIEN 12JUN2009
APVD	W. KODAMA 12JUN2009
PRODUCT SPEC	108-57802
APPLICATION SPEC	—
WEIGHT	SEE TABLE

TE Connectivity

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

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

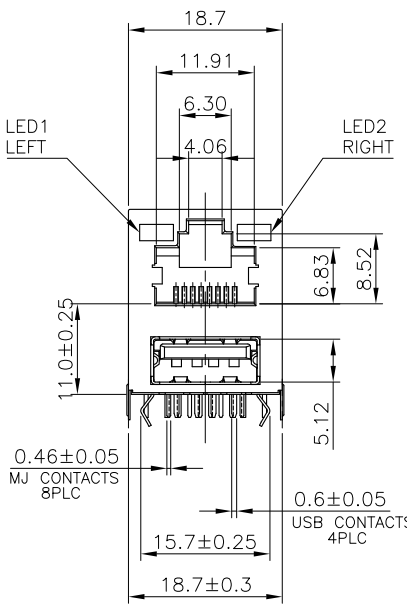
CUSTOMER DRAWING | SCALE — | SHEET 1 OF 5 | REV D3

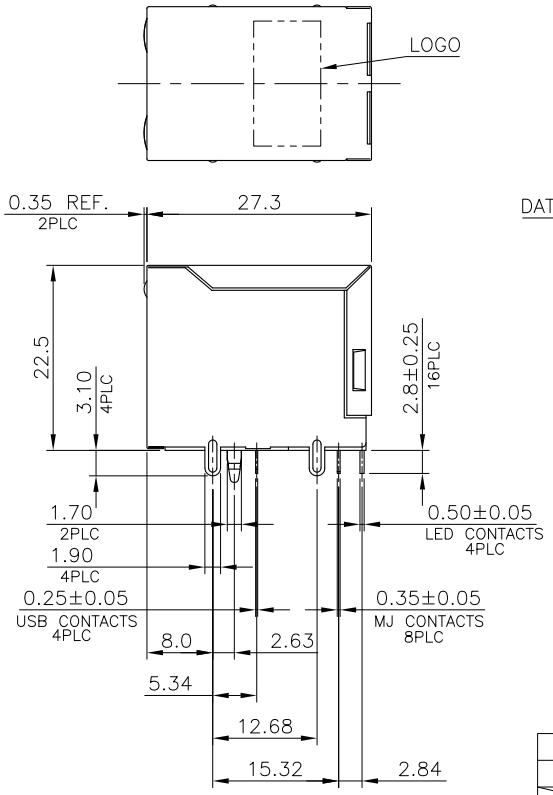
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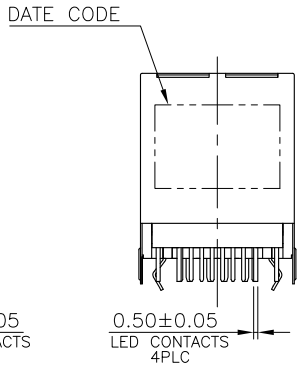
LOC	DIST
DW	—

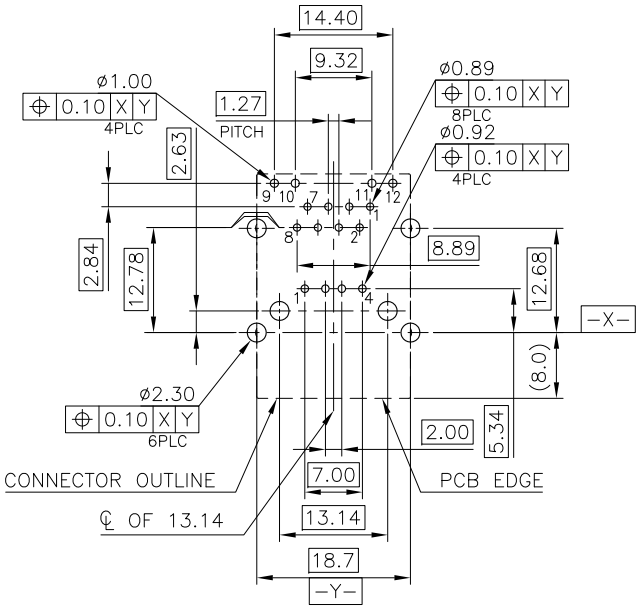
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			





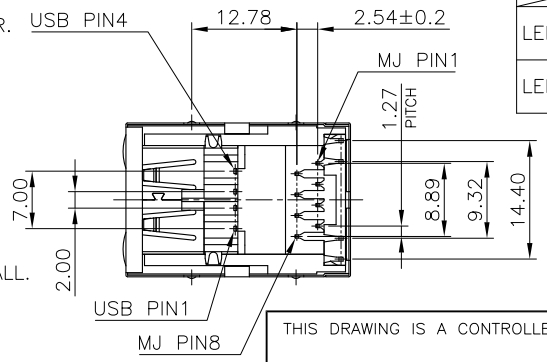




RECOMMENDED PCB LAYOUT
RECOMMENDED PCB THICKNESS: 1.6mm
TOLERANCE: ±0.05 (TOP VIEW)

NOTE:

1. MATERIAL:
   - 1.1 MJ HOUSING & LED COVER: PBT, WITH 30% GF, UL94V-0, BLACK COLOR.
   - 1.2 MJ CONTACTS: PHOSPHOR BRONZE.
   - 1.3 MJ SHIELD: BRASS.
   - 1.4 LED SOLDER TAIL: EPOXY, STEEL.
   - 1.5 USB HOUSING: PBT, UL94V-0, BLACK COLOR.
   - 1.6 USB CONTACTS: BRASS.
   - 1.7 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 LED SOLDER TAIL: 1.02um [40u"] COPPER UNDERPLATED OVERALL. 1.27um [50u"] NICKEL OVERALL. 1.27um [50u"] SILVER ON BONDING AREA. 2.54um [100u"] BRIGHT-TIN ON SOLDER AREA.
   - 2.4 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.
   - 2.5 USB SHIELD: 2.032um [80u"] MIN. NICKEL PLATED.
3. WAVE SOLDER CAPABLE TO 265°C PER TE CONNECTIVITY SPEC. 109-202, CONDITION B.



FOR 4-1775855-1			
LED ELECTRICAL CHARACTERISTIC			
	NODE	COLOR	
LED LEFT	9(+) 10(-)	ORANGE	9 → 10
	9(-) 10(+)	GREEN	9 ← 10
LED RIGHT	11(+) 12(-)	ORANGE	11 → 12
	11(-) 12(+)	GREEN	11 ← 12

FOR 4-1775855-2			
LED ELECTRICAL CHARACTERISTIC			
	NODE	COLOR	
LED LEFT	9(+) 10(-)	GREEN	9 → 10
	9(-) 10(+)	ORANGE	9 ← 10
LED RIGHT	11(+) 12(-)	GREEN	11 → 12

WEIGHT (gram)	LED COLORS		PART NUMBER
13.11	GREEN/ORANGE	GREEN	4-1775855-2
	ORANGE/GREEN	ORANGE/GREEN	4-1775855-1
	LEFT	RIGHT	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± -
1 PLC	± 0.3
2 PLC	± 0.2
3 PLC	± 0.15
4 PLC	± -
ANGLES	± 3°

MATERIAL: -

FINISH: -

DWN	-
CHK	-
APVD	-
PRODUCT SPEC	-
APPLICATION SPEC	-
WEIGHT	-

TE Connectivity

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

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

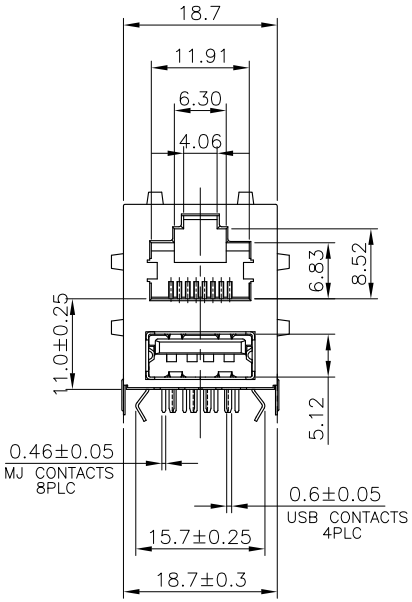
CUSTOMER DRAWING | SCALE - | SHEET 2 OF 5 | REV D3

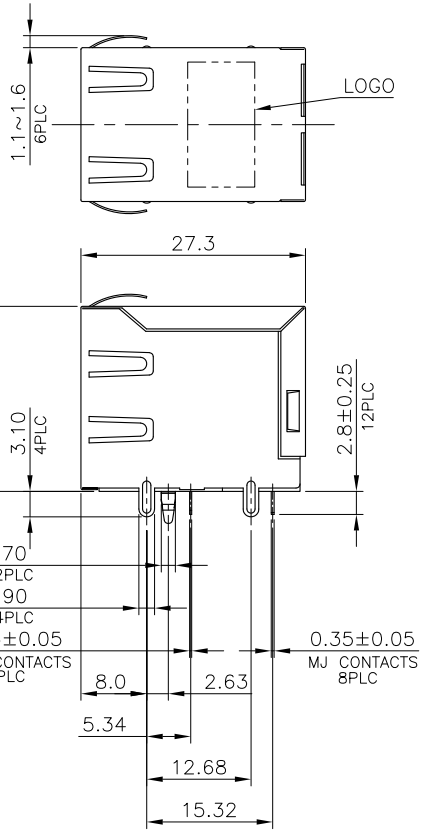
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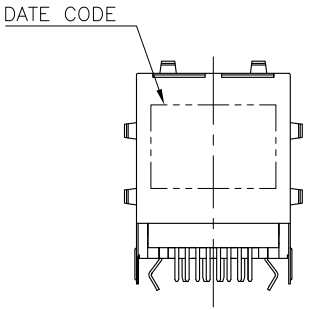
LOC	DIST
DW	—

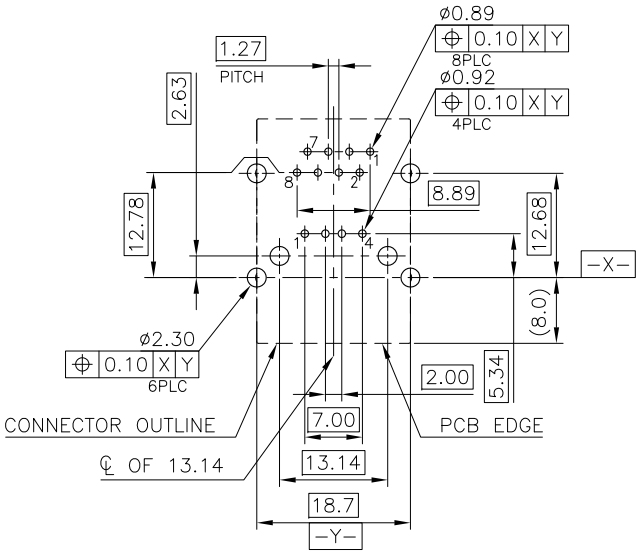
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			

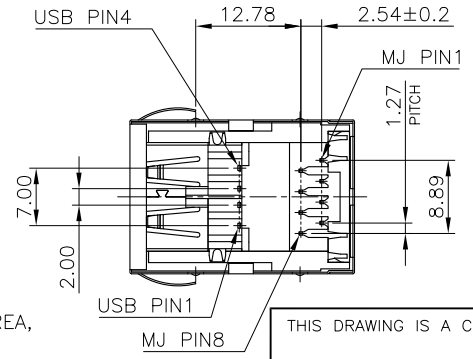








RECOMMENDED PCB LAYOUT
RECOMMENDED PCB THICKNESS: 1.6mm
TOLERANCE: ±0.05 (TOP VIEW)



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.

12.69	5–1775855–1
WEIGHT (gram)	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± –
1 PLC	± 0.3
2 PLC	± 0.2
3 PLC	± 0.15
4 PLC	± –
ANGLES	± 3°

MATERIAL: –

FINISH: –

DWN	–
CHK	–
APVD	–
PRODUCT SPEC	–
APPLICATION SPEC	–
WEIGHT	–

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C–1775855	–

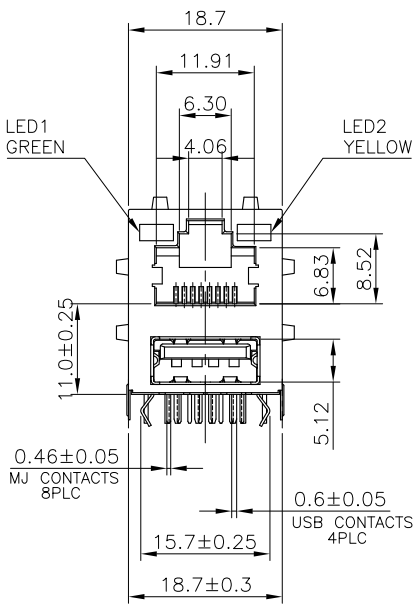
CUSTOMER DRAWING | SCALE — | SHEET 3 OF 5 | REV D3

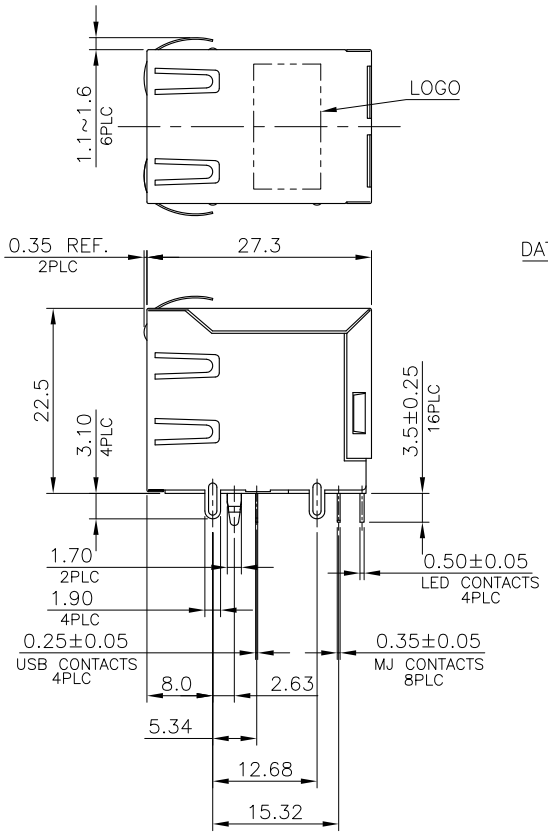
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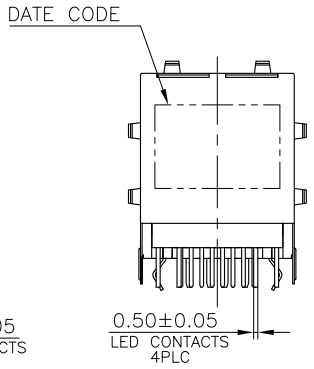
LOC	DIST
DW	—

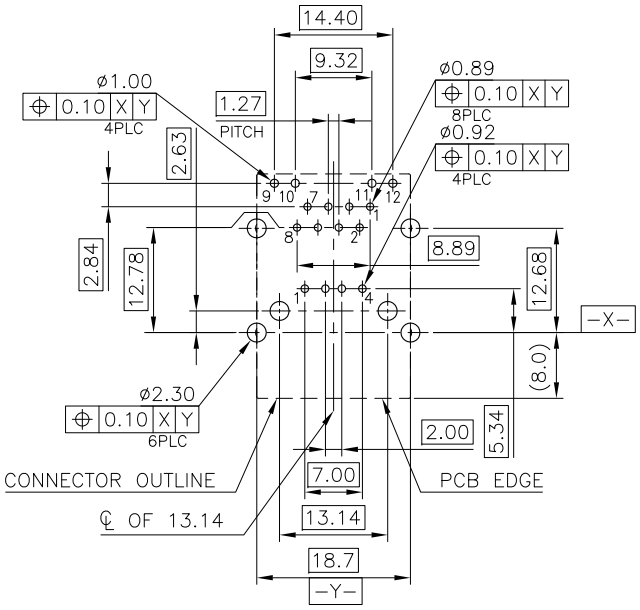
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			





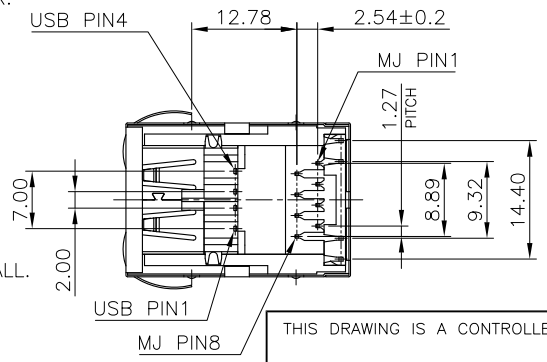




RECOMMENDED PCB LAYOUT
RECOMMENDED PCB THICKNESS: 1.6mm
TOLERANCE: ±0.05 (TOP VIEW)

NOTE:

1. MATERIAL:
   - 1.1 MJ HOUSING & LED COVER: PBT, WITH 30% GF, UL94V-0, BLACK COLOR.
   - 1.2 MJ CONTACTS: PHOSPHOR BRONZE.
   - 1.3 MJ SHIELD: BRASS.
   - 1.4 LED SOLDER TAIL: EPOXY, STEEL.
   - 1.5 USB HOUSING: PBT, UL94V-0, BLACK COLOR.
   - 1.6 USB CONTACTS: BRASS.
   - 1.7 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 LED SOLDER TAIL:
     1.02um [40u"] COPPER UNDERPLATED OVERALL.
     1.27um [50u"] NICKEL OVERALL.
     1.27um [50u"] SILVER ON BONDING AREA.
     2.54um [100u"] BRIGHT-TIN ON SOLDER AREA.
   - 2.4 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.
   - 2.5 USB SHIELD: 2.032um [80u"] MIN. NICKEL PLATED.
3. WAVE SOLDER CAPABLE TO 265°C PER TE CONNECTIVITY SPEC. 109-202, CONDITION B.



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: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± -
1 PLC	± 0.3
2 PLC	± 0.2
3 PLC	± 0.15
4 PLC	± -
ANGLES	± 3°

MATERIAL: -

FINISH: -

DWN	-
CHK	-
APVD	-
PRODUCT SPEC	-
APPLICATION SPEC	-
WEIGHT	-

TE Connectivity

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

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

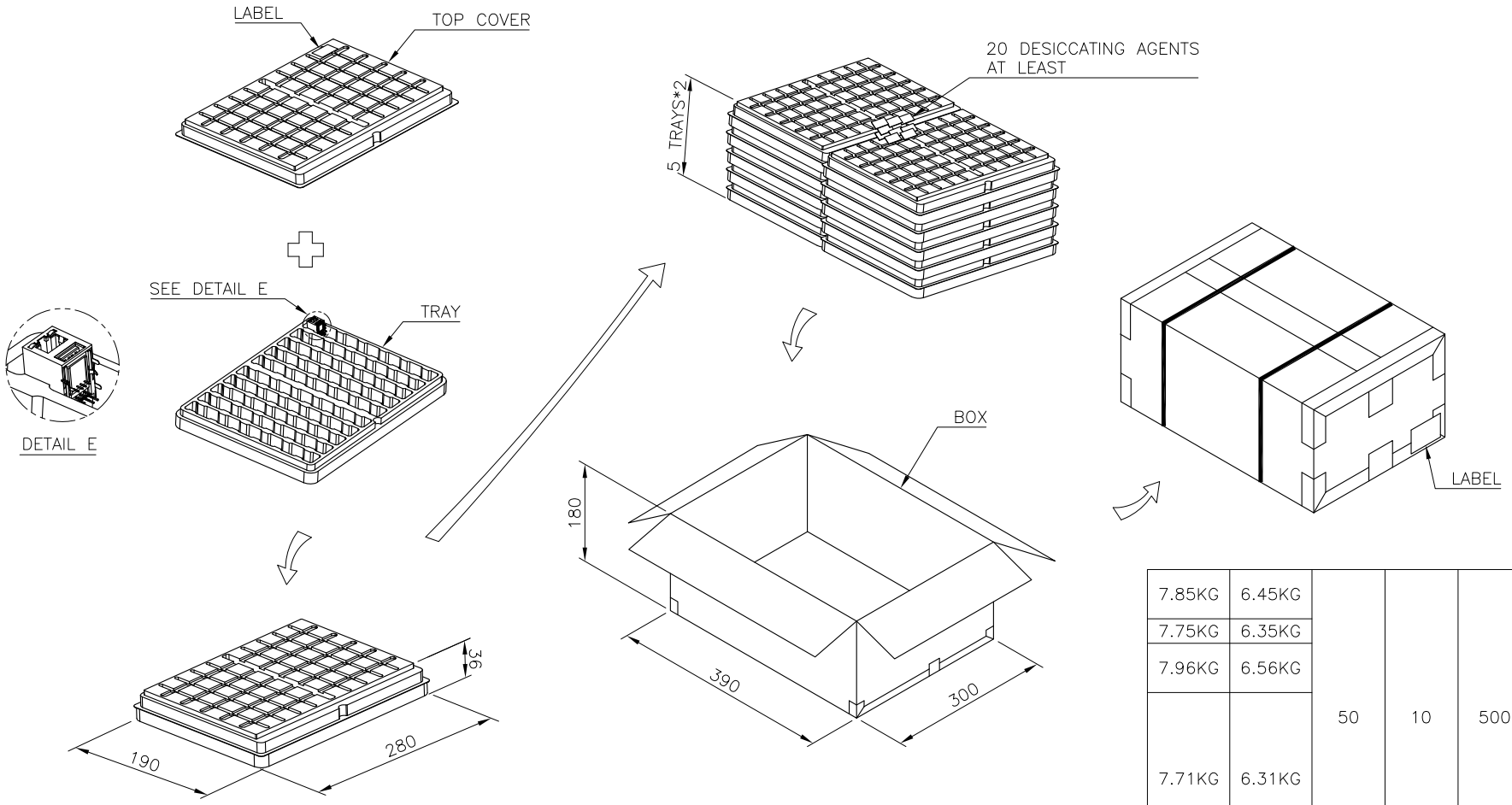
CUSTOMER DRAWING | SCALE - | SHEET 4 OF 5 | REV D3

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LOC	DIST
DW	—

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			



GROSS WEIGHT	NET WEIGHT	PCS/ TRAY	TRAY/ BOX	PCS/ BOX	PART NUMBER
7.85KG	6.45KG	50	10	500	6–1775855–3
					~~6–1775855–1~~
7.75KG	6.35KG				5–1775855–1
7.96KG	6.56KG				4–1775855–2
					4–1775855–1
7.71KG	6.31KG				~~3–1775855–1~~
					~~2–1775855–2~~
					~~2–1775855–1~~
					1–1775855–1
					1775855–3
					1775855–2
					1775855–1

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.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± –
1 PLC	± 0.3
2 PLC	± 0.2
3 PLC	± 0.15
4 PLC	± –
ANGLES	± 3°

MATERIAL: –

FINISH: –

DWN –
CHK –
APVD –
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

TE Connectivity

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

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

CUSTOMER DRAWING | SCALE — | SHEET 5 OF 5 | REV D3