







| PRODUCT NUMBER | DESCRIPTION | NOTES | | | |
|------------------|------------------|------------|--|--|--|
| 10117771-XXXXLF | NON-HF | SEE SHT. 3 | | | |
| 10117771-XXXXHLF | HALOGEN FREE (H) | SEE SHT. 3 | | | |

| - "DIM | Y " — | | | | |
|--------|------------------------|----------|-----------------|-----|-----|
| | | PANEL | | | |
| | | <u> </u> | $M \mid N \mid$ | SAS | HD |
| | | 27.25 | $M \mid N \mid$ | SAS | 2.1 |
| | <u> </u> | | | | |
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PEND RADIUS TOP VIEW OF CONNECTOR

| MINI SAS HD MINIMUM BEND TABLE | | | | | | |
|-----------------------------------|-----------------|---------------------|--|--|--|--|
| CABLE | "DIM Y" (HF) | "DIM Y" (NON-HF) | | | | |
| 24 AWG | 92.8 | 90.5 | | | | |
| 26 AWG | 87.5 | 85.1 | | | | |
| 28 AWG | 81.5 | 79.1 | | | | |
| 30 AWG | 77.9 | 74.3 | | | | |

| MINI SAS 2.1 MINMUM BEND TABLE | | | | | | |
|-----------------------------------|------|---------------------|--|--|--|--|
| CABLE "DIM Y" (HF) | | "DIM Y" (NON-HF) | | | | |
| 24 AWG | 90.6 | 88.3 | | | | |
| 26 AWG | 85.3 | 82.9 | | | | |
| 28 AWG | 79.3 | 76.9 | | | | |
| 30 AWG | 75.7 | 72.1 | | | | |

I - MATERIALS MINI SAS HD (END PI)

BACK SHELLS: ZINC DIE CAST/ COPPER UNDER PLATE/NICKEL OVER PLATE

PULL TAB: THERMOPLASTIC POLYMER

LATCH: STAINLESS STEEL

FERRULE: BRASS EMI GASKETS: STAINLESS STEEL

LOCTITE

HEAT SHRINK: HIGH POLYMERS

PADDLE CARD: PRINTED CIRCUIT SUBSTRATE

- 2 ELECTRICAL PERFORMANCE PER CURRENT REVISION: TIO/SAS-2.1
- 3 THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2002/95/EC)
- UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE IS TO BE:
 "DIM L" < I METERS = ±25mm
 "DIM L" = I METER TO 4 METER = 2% OF "DIM L"
- 5- LABEL DETAILS:

 MANUFACTURER CODE OR NAME
 CUSTOMER P/N OR FCI P/N
 REVISION
 DATE CODE (YY/MM/DD FORMAT) SERIAL NUMBER

FONT SHALL BE CLEARLY VISIBLE AND BLACK IN COLOR.

- (6) ALL CABLE ASSEMBLIES SHALL BE 100% TESTED FOR CONTINUITY AS DEFINED IN WIRING LIST.
- 7 -PACKAGING OF LEAD FREE PRODUCTS MEETS LABELING AND PACKAGING PER SPECIFICATION GS-14-920.
 PACKAGE ASSEMBLIES PER GS-14-1272. DUST COVER IS TO BE APPLIED TO MINI SAS HD CONNECTOR PRIOR TO SHIPPING.
- (8-) THIS DIMENSION IS A FINISHED PRODUCT LENGTH.
- 9. A " T SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION. THE CURRENT REVISION WILL BE SHOWN IN THE SYMBOL.
- 10.) PLACE A CABLE TIE EVERY 0.5 METERS, IN THE CASE OF A 0.5 METER CABLE LENGTH, PLACE THE CABLE TIE MIDWAY BETWEEN CONNECTORS.
- (II.) "H" IN THE PART NUMBER DENOTES USE OF HALOGEN FREE CABLE.
- 12. MEETS ELECTRICAL PERFORMANCE REQUIREMENTS OF SAS 2.1.
- | 13. MATES TO SERIES: MINI SAS HD | 10||2626 or | 10||2627 or | 10||2628 | MINI SAS 2.1 BOARD CONNECTOR | 10098870 AND CAGE | 10098871
- 14. OTHER TESTING PERFORMED AS REQUIRED BY PRODUCT SPECIFICATION: MINI SAS HD GS-12-651, MINI SAS 2.1 GS-12-548.

| dr | | | 2011/03/17 | projection | | MM | | size A3 | scale | |
|-----------|-----------------|--------|----------------|---|-------|---------|-----------|------------|------------|----------|
| e n g | | | 2012/01/26 | | | | V V | | 1:1 | Released |
| chr - | | - | | ŋ- <u></u> | | - | ecn no | - | | |
| appr | Brad Brubaker - | | product family | | C & A | | rel level | Rele | | |
| | | | | X TO Mini SAS 2.1 FINAL ASSEMBLY (6Gb/s) | | ом ф | 101177 | 7 | r e v | |
| 14/14/14/ | fci.com | cat. n | ^ | _ | Pr | oduct - | Customer | · Drw | sheet 5 of | 5 |

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Pro/E File - REV C - 2009-06-09

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3 PDS: Rev :A

MATERIALS MINI SAS (END P2)

BACK SHELLS: ZINC DIE CAST

JET MELT: POLYAMIDE POLYMER

LATCH: STAINLESS STEEL

HEAT SHRINK: POLYOLEFIN

PULL TAB: THERMOPLASTIC POLYMER

PADDLE CARD: PRINTED CIRCUIT SUBSTRATE