NOTES:
1. MATERIALS:
   WAFFER HOUSING
   HIGH TEMPERATURE THERMOPLASTIC
   GLASS-FILLED, UL 94V-0
   DIE CAST HOUSING: NICKEL PLATED DIE CAST ALLOY
   COVER: STAINLESS STEEL ALLOY
   EMI GASKET: CONDUCTIVE POLYMER
   EMI FINGERS: NICKEL PLATED COPPER ALLOY
2. FINISHES:
   PLATING:
   CONTACT AREA
   0.76µm MIN GOLD OVER 2.54µm MIN NICKEL
   COMPLIANT TAIL AREA
   0.76-1.52µm TIN OVER 1.27µm MIN NICKEL
3. PRODUCT SPECIFICATION:  PS-173359-0001
4. PACKAGING SPECIFICATION:  PK-170834-0001
5. MATES WITH: MOLEX CABLE SERIES 200433.
6. MOUNTING HARDWARE REQUIRED:
   M2x0.4 CAP SCREWS (3)
   LENGTH: PCB THICKNESS + 3.0 MIN (6.0 MM MAX)
7. APPLICATION SPECIFICATION: AS-173359-0002
8. ROUTING GUIDELINE: AS-173359-0001

DIMENSION UNITS
SCALE
mm

GENERAL TOLERANCES
(UNLESS SPECIFIED)
ANGULAR TOL
± 0.5 °
4 PLACES
± 0.25
1 PLACE
± 0

DRAFTING SHEETS APPLICABLE
MUST REMAIN
WITH DIMENSIONS

SYMBOLS

CURRENT REV DESC: ADD SPECS

DOCUMENT STATUS
P1
RELEASE DATE 2018/08/10 09:02:26

FORMAT: master-tb-prod-C
REVISION: H
DATE: 2017/10/06

SYMBOLS

DOCUMENT NUMBER
C-SIZE 173359

MATERIAL NUMBER
1733590001 SHOWN

EMI FINGERS
(SEE SHEET 2)

EMI GASKET
(SEE SHEET 2)

TAKEN AT ENDS
TAKEN AT CENTER

NOTES:
1. MATERIALS:
   WAFFER HOUSING
   HIGH TEMPERATURE THERMOPLASTIC
   GLASS-FILLED, UL 94V-0
   DIE CAST HOUSING: NICKEL PLATED DIE CAST ALLOY
   COVER: STAINLESS STEEL ALLOY
   EMI GASKET: CONDUCTIVE POLYMER
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DIMENSION UNITS
SCALE
mm

GENERAL TOLERANCES
(UNLESS SPECIFIED)
ANGULAR TOL
± 0.5 °
4 PLACES
± 0.25
1 PLACE
± 0

DRAFTING SHEETS APPLICABLE
MUST REMAIN
WITH DIMENSIONS

SYMBOLS

CURRENT REV DESC: ADD SPECS

DOCUMENT STATUS
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REVISION: H
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SYMBOLS
NOTES:
1. GROUNDS G1-G30 ARE ALL COMMON
2. GROUNDS G31-G60 ARE ALL COMMON
3. CROSS-HATCHED AREA TO BE CONDUCTIVE ON THE PCB.
4. RECOMMENDED DRILL SIZE FOR 0.37⌀ FINISHED PTH IS 0.457mm (0.018in (#77. DRILL))
5. RECOMMENDED ANNULAR RING AROUND 0.37⌀ FINISHED PTH IS 0.73⌀

KEEP OUT AREA EXCEPTION:
WHEN ADJACENT CONNECTOR IS PRESENT IT WILL INTERLEAVE SHOWN KEEP OUT AREA)

G1 G2 G3 G4 G5 G6 G7 G8 G9 G10
D1X D1Y D10X D10Y
C1X C1Y C10X C10Y
G31 G30
G21 B1X B1Y B10X B10Y
A1X A1Y A10X A10Y
A1X A2X A3X A4X A5X A6X A7X A8X A9X A10X
A1X A2Y A3Y A4Y A5Y A6Y A7Y A8Y A9Y A10Y

TOP AND BOTTOM EMI LAYER AND ALL OTHER LAYERS WITHIN BOARD

TYP (5)

KEEP OUT AREA (SEE NOTE 5)
MATE SIDE PCB DIMENSIONS

NOTES:
1. 0.05 MINIMUM KEEP OUT FOR SOLDER MASK AROUND ALL PADS
2. DATUM D TARGETS ARE DEFINED BY THE RESPECTIVE PAD CENTER LINES AND THE LEADING EDGE OF THE TARGET PADS

COMPONENT KEEP OUT AREA

THIRD ANGLE PROJECTION DRAWING SERIES C-SIZE 173359

MATERIAL NUMBER
CUSTOMER SHEET NUMBER
SEE TABLE GENERAL MARKET 5 OF 6

DIMENSION UNITS
SCALE
mm

GENERAL TOLERANCES (UNLESS SPECIFIED)

1 PLACE
± 0 PLACES
± 1 PLACE
± 2 PLACES
± 3 PLACES
± 4 PLACES

SYMBOLS
= 0

CURRENT REV DESC: ADD SPECS

EC NO: 602405
DRWN: TTA003
CHKD: JKACHLIC
APPR: JKACHLIC
INITIAL REVISION:
DRWN: MHANUMAPARE
APPR: SMILLER

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NOTE:
1. MINIMUM PITCH BETWEEN TWO ADJACENT CONNECTORS IS 34mm.
2. BEZEL THICKNESS = 0.80 TO 2.4 mm

ASSEMBLED VIEW

CONNECTOR ASSEMBLY

PCB

BEZEL

27.67 AT RECOMMENDED COMPRESSION

EMI GASKET

PCB

BEZEL

CONNECTOR ASSEMBLY

BEZEL CUT-OUT
(NOT SUPPLIED)

29.62 ±0.05

R1.00 MAX

12.00 ±0.05

0.15 ±0.05

BEZEL

BEZEL

PCB

BEZEL

BEZEL

PCB