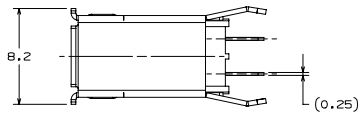
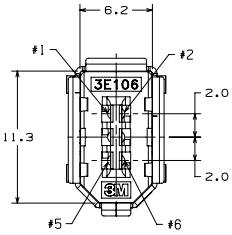
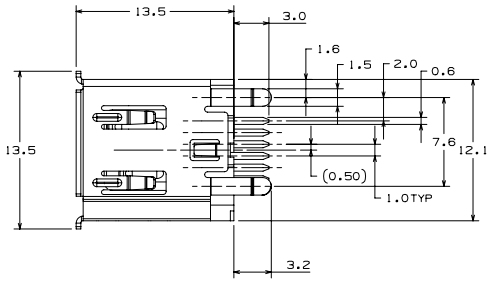
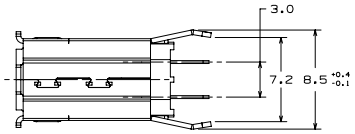
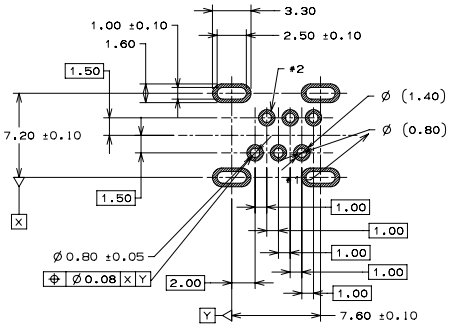
3M™ I/O INTERCONNECT SYSTEM 2.0mm FOR IEEE 1394 3E106 SERIES
STRAIGHT (VERTICAL) THROUGH-HOLE PLUG MALE











P.C.BOARD HOLE PATTERN
(COMPONENT SIDE)
PCB THICKNESS = 1.6mm

Notes:

Physical:
- Insulation:
  - Material: Glass Reinforced Polyester (PBT)
  - Flammability: UL 94V-0
- Color: Black

Contact:
- Material: Copper Alloy
- Plating:
  - Underplating: Nickel
  - Wiping Area: GOLD 0.76um MIN.
  - Termination Area: GOLD FLASH

Shroud:
- Material: Copper Alloy
- Underplating: Nickel
- Plating: Tin

Electrical:
- Current Rating: 1 A
- Voltage Rating: 150 VAC / 200 VDC
- Insulation Resistance: >5 x $10^8\Omega$ at 500 VDC
- Withstanding Voltage: 500 VRMS for 1 minute

Environmental:
- Temperature Rating: -55° C to +85° C

Ordering Information: 3E106-1230 KV

REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
A		FEB 23,2011		

DRFT M. LAMBERT — DATE FEB 23,2011 — MFG — DATE
CHKD D. CRONCH — DATE FEB 23,2011 — APPVL — DATE

DESIGN REFERENCE — NEXT ASSEMBLY — DISTRIBUTION CODES — DIVISION — DIVISION CODE

DO NOT SCALE DRAWING — SCALE 1/1

TOLERANCES EXCEPT AS NOTED
INCHES: .0 ±, .00 ±, .000 ±, .0000 ±
MILLIMETERS: 0 ±, .0 ±.3, .00 ±.13, .000 ±
ANGLES ±1°

THIRD ANGLE PROJECTION

INTERPRET PER ASME Y14.5 - 1994

MAX SURFACE ROUGHNESS 125 √ — ☐ ALL SURFACES ☒ MARKED ONLY

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3M Center
St. Paul, MN 55144

TITLE: STRAIGHT (VERTICAL) THROUGH HOLE PLUG (MALE) FOR IEEE 1394

CAGE NUMBER — SIZE C — DRAWING NO. 78-5100-2397-7 — REV. A

MODEL 3E106-1230 KV — DET. LISTS ☐ YES ☒ NO — SHT 1 OF 1

REVISION A — DRAWING NUMBER 78-5100-2397-7

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