REV	REVISION RECORD	ECN	BY	APVD	DATE
A	INITIAL RELEASE PER EWR 107431	506375	KR	KR	02/06/12

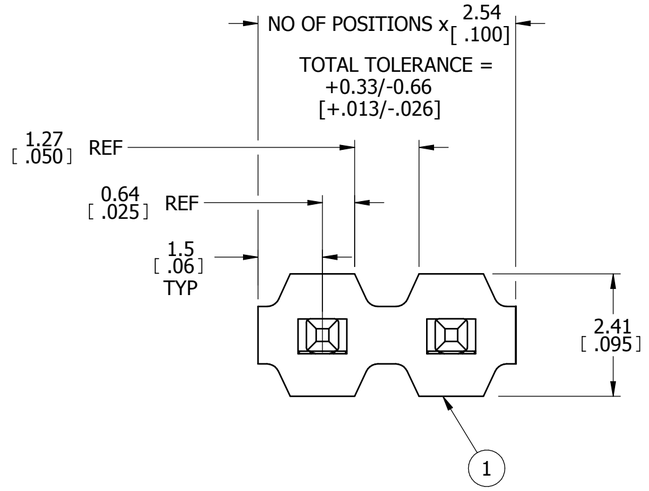
NOTES: UNLESS OTHERWISE SPECIFIED

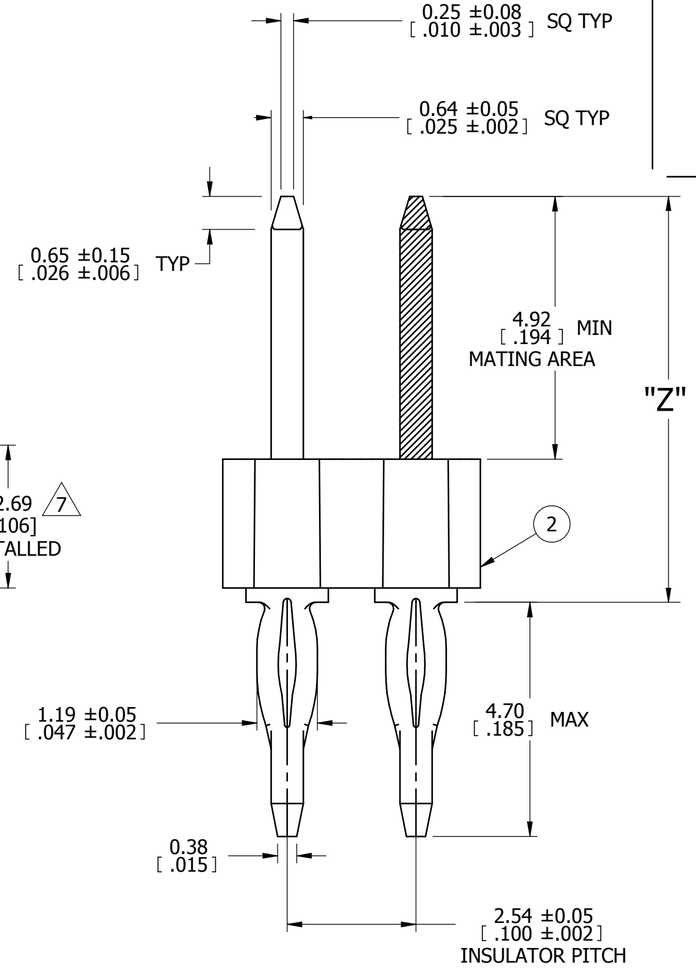
1. INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2009.
2. PART SUPPLIED ON A CONTINOUS REEL AS SHOWN, 25,000±15% PINS PER REEL. FEEDER COMPATIBLE SPLICES PERMITTED, 2 SPLICES MAX PER REEL.
3. COMPLIANT TIPS ARE BARE AT CUT-OFF.
4. 0.25 [.010] MAX RADII AND FILLET.
5. ASSEMBLY DIMENSIONS ARE MEASURED IN A RESTRAINED STATE.
6. HEADER SIZES CUT FROM A REEL ARE BULK PACKAGED IN THERMOFORMED TRAYS.
7. CONSULT AUTOSPLICE FOR INSERTION TOOLING.
8. RECOMMENDED 1.57 [.062] THICK PC BOARD HOLE:

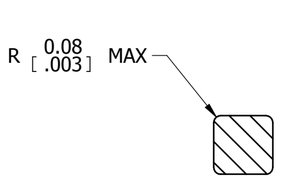
DRILLED HOLE – Ø 1.151±0.025 [Ø .0453±.0010]
COPPER PLATED – Ø 1.041±0.051 [Ø .0410±.0020]
(HASL) TIN/LEAD PLATED – Ø 1.02±0.08 [Ø .040±.003]

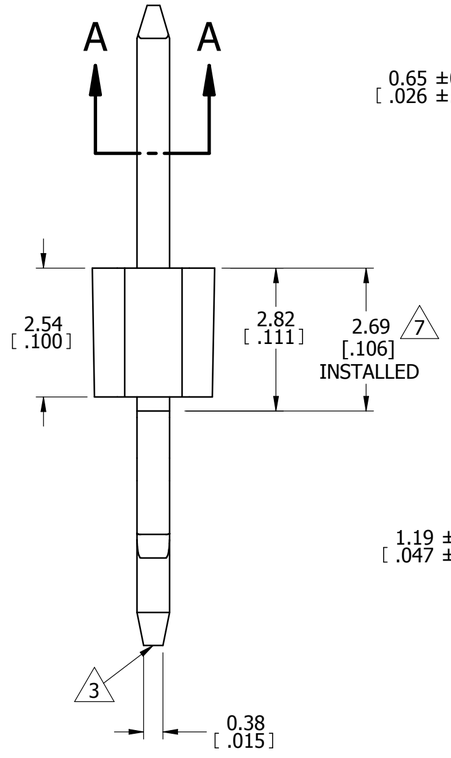
DRILLED HOLE – Ø 1.151±0.025 [Ø .0453±.0010]
COPPER PLATED – Ø 1.041±0.051 [Ø .0410±.0020]
NICKEL PLATED – Ø 1.02±0.08 [Ø .040±.002]
GOLD PLATED – Ø 1.02±0.05 [Ø .040±.002]

DRILLED HOLE – Ø 1.151±0.025 [Ø .0453±.0010]
COPPER PLATED – Ø 1.041±0.051 [Ø .0413±.0020]
SILVER PLATED – Ø 1.02±0.05 [Ø .040±.002]

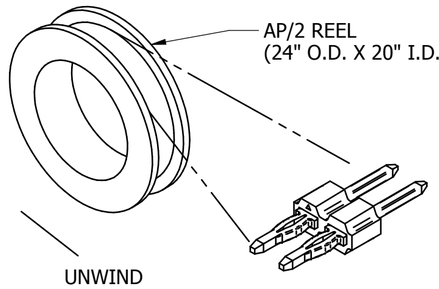








SECTION A-A
SCALE: 20:1



2 REELED HEADER ORIENTION

PART NO./ORDERING CODE

23-1077 D00[][] [][]

TYPE
1 ROW 2.54 [.100] CENTERS

SQ. PIN COMPLIANT
0.64 [.025] X 0.64 [.025]

TOTAL NO. OF POS.
2 00= CONTINUOUS REEL
6 CUT HEADER SIZES: 02 TO 40 POS. BULK PACKAGED IN TRAYS.

FINISH:
T1 = SELECTIVE:
MATING AREA: 1.02µm [40µ"] MIN MATTE Sn (Pb FREE) OVER 2.03µm [80µ"] MIN Ni.
ALL OVER: 0.30µm [12µ"] MIN MATTE Sn (Pb FREE) OVER 2.03µm [80µ"] MIN Ni.

DIMENSIONS:

CODE	Z
A1	8.00 [.315]

ADDITIONAL PINS SIZES & LENGTHS UP TO "Z" = 40.00 [1.575] CAN BE MADE UPON REQUEST

MATERIAL:

1 **INSULATOR:**
GLASS FILLED THERMOPLASTIC POLYESTER
FLAMMABILITY RATED: UL 94-V-0
COLOR: BLACK

2 **PIN:**
COPPER ALLOY

FINISH:
SEE PART NO./ ORDERING CODE

CONFIDENTIAL CUSTOMER DRAWING

P/N 23-1077D02A1T1 SHOWN

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TOLERANCES UNLESS OTHERWISE SPECIFIED DIMENSIONS IN mm [INCHES]
DECIMAL : X.X = ± 0.3 [.XX] ±[.01] X.XX = ± 0.13 [.XXX] ±[.005]
ANGULAR : ± 5°
◇ DENOTES SPECIAL CHARACTERISTIC

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THIRD ANGLE PROJECTION
DRAWN BY RIEK 2/6/12
ENGINEERED BY RIEK 2/6/12

TITLE: AUTOHEADER™, 1 ROWS, 2.54 [.100] CTRS

SIZE	FSCM NO.	DRAWING NUMBER	REVISION
C	OAE89	C23-1077D[][][][][][]	A

SCALE 11:1 | CAD NO. C23-1077D[][][][][]a.dft | MODEL NO. 23-1077D[][][][][].asm | SHEET 1 OF 1