TE connectivity

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Have a Question?
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Information Specialist   What can we help you find?

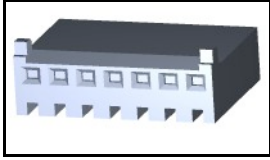Products   Industries   Resources   About TE   My Account   Innovation   Support Center

770602-7 Product Details

Share   Print   Email

770602-7

TE Internal Number: 770602-7

✔ Active

📄 View 3D PDF

**MTA, CST-100 II, MT-6 and SL
Connectors and Headers**

🌿 Always EU RoHS/ELV Compliant

(Statement of Compliance)

Product Highlights:
- CST-100 Product Line
- CST Series
- Wire-to-Wire
- Applies To Wire/Cable
- Connector

View all Features

Add to My Part List   Request Sample   Find Similar Products

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Documentation & Additional Information

Product Drawings:
- HOUSING, CST-100 (PDF, English)

Catalog Pages/Data Sheets:
- None Available

Product Specifications:
- .100 Inch Centerline Crimp-Snap Connectors (PDF, English)

Application Specifications:
- CST-100 Connectors for Crimp Snap Terminals (PDF, English)

Instruction Sheets:
- CST-100 and CST-100 II Receptacles Visual Training ... (PDF, English)
- CST-100 Receptacles Visual Training Aid (Contact Ins... (PDF, English)
- CST-100 and CST-100 II Receptacles Visual Training A... (PDF, English)
- CST-100 Receptacles Visual Training Aid (Lance Position) (PDF, English)

CAD Files: (CAD Format & Compression Information)
- 2D Drawing (DXF, Version P)
- 3D Model (IGES, Version P)
- 3D Model (STEP, Version P)

Additional Information:
- Product Line Information

Related Products:
- Tooling

List all Documents

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:
- Product Line = CST-100
- Series = CST
- Product Type = Connector
- Connector Type = Housing
- PCB Mount Retention = Without
- PCB Mount Alignment = Without
- Strain Relief = Without
- Sealed = No

- UL File Number = E28476
- CSA File Number = LR7189

Configuration Features:
- Number of Positions = 7
- Post Number(s) Omitted = None
- Backwall/Post Interruption(s) = Without
- Number of Rows = 1

Industry Standards:
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

Mechanical Attachment:
- Contact Retention = Without
- Mating Retention Type = Latching
- Panel Mount Retention = Without

Electrical Characteristics:
- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 250

Body Features:
- Mating Retention = With
- Assembly Integration Feature = Without

Contact Features:
- Contact Type = Socket
- Multiple Contact Types = Without

Housing Features:
- Connector Style = Receptacle
- Centerline (mm [in]) = 2.54 [0.100]
- Housing Material = Nylon
- Housing Color = Natural
- Mating Alignment = With
- Mating Alignment Type = Polarizing Tab
- UL Flammability Rating = UL 94V-0

- Agency/Standard = CSA, UL
- UL Rating = Recognized
- CSA Rating = Certified

Environmental:
- Operating Temperature (°C [°F]) = -55 – +105 [-67 – +221]

Conditions for Usage:
- Applies To = Wire/Cable
- For Use With = .025 inch Square Post Headers

Operation/Application:
- Application Use = Wire-to-Wire

Packaging Features:
- Packaging Method = Bag
- Packaging Quantity = 500

Other:
- Brand = AMP
- Comment = Accepts Contact Part No. 770601-1 & MTA-100 Keying Plug p/n 641994-1

| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

LOC | DIST
CM | 54
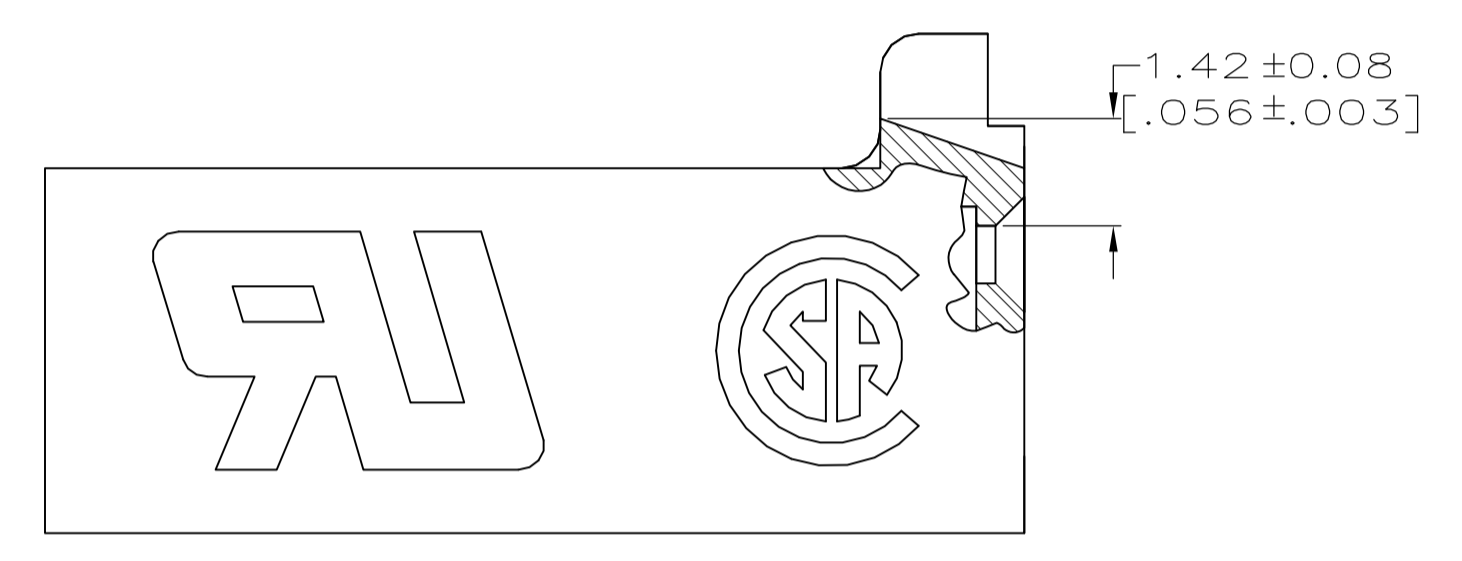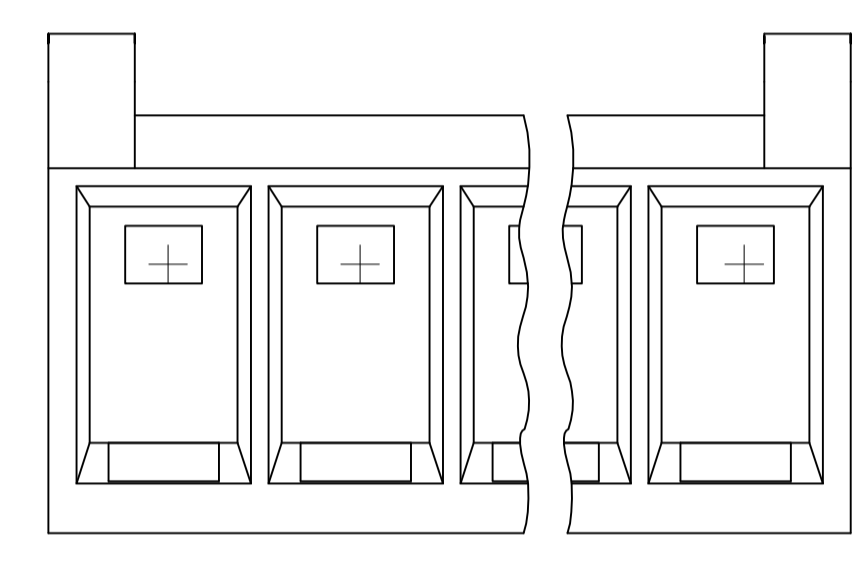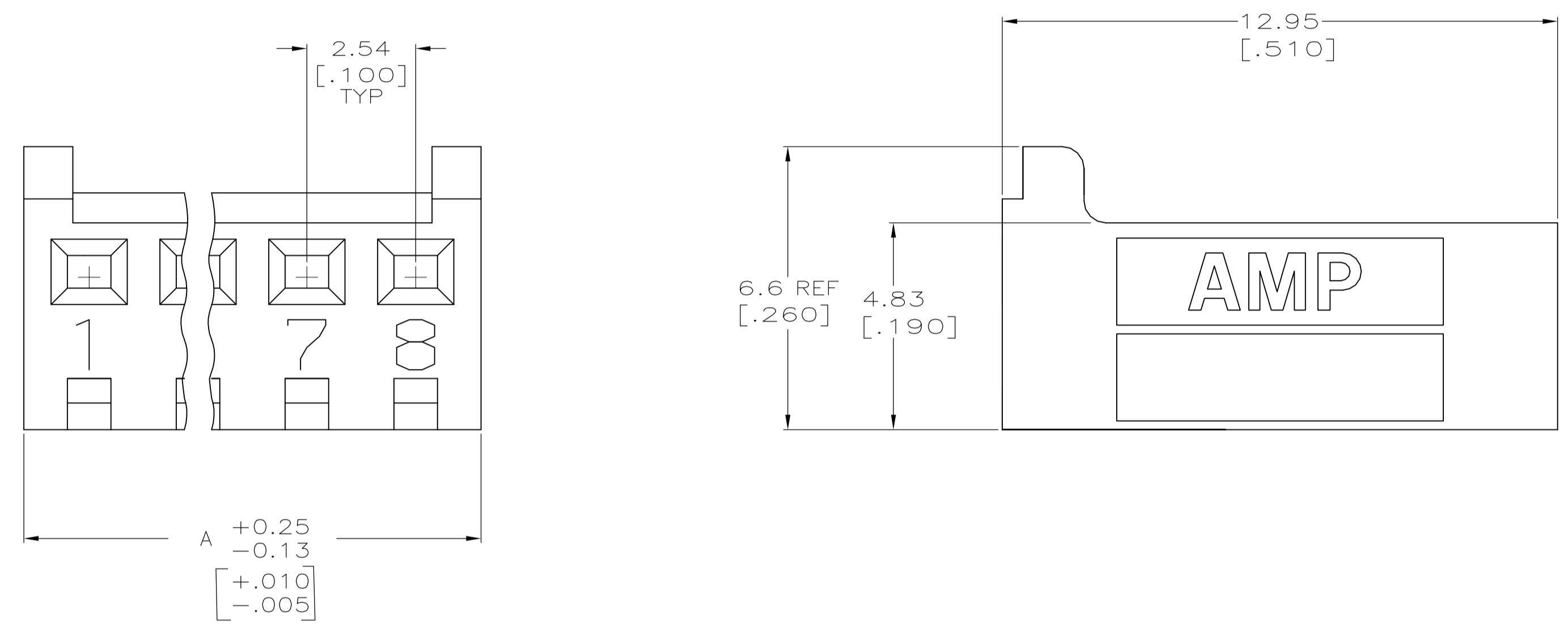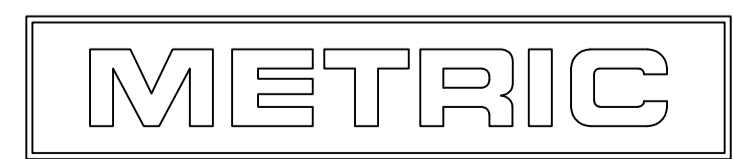
1.   ACCEPTS CONTACT P/N 770601-1.

2.   DIMENSIONS IN BRACKETS ARE IN INCHES.

3.   ACCEPTS MTA-100 KEYING PLUG P/N 641994-1.

2.54
[.100]
TYP

12.95
[.510]

1.42 ±0.08
[.056±.003]

AMP

6.6 REF
[.260]

4.83
[.190]

1 7 8

A +0.25
  -0.13
[+.010]
[-.005]

AMP
1 2 3 4 5 6 7 8
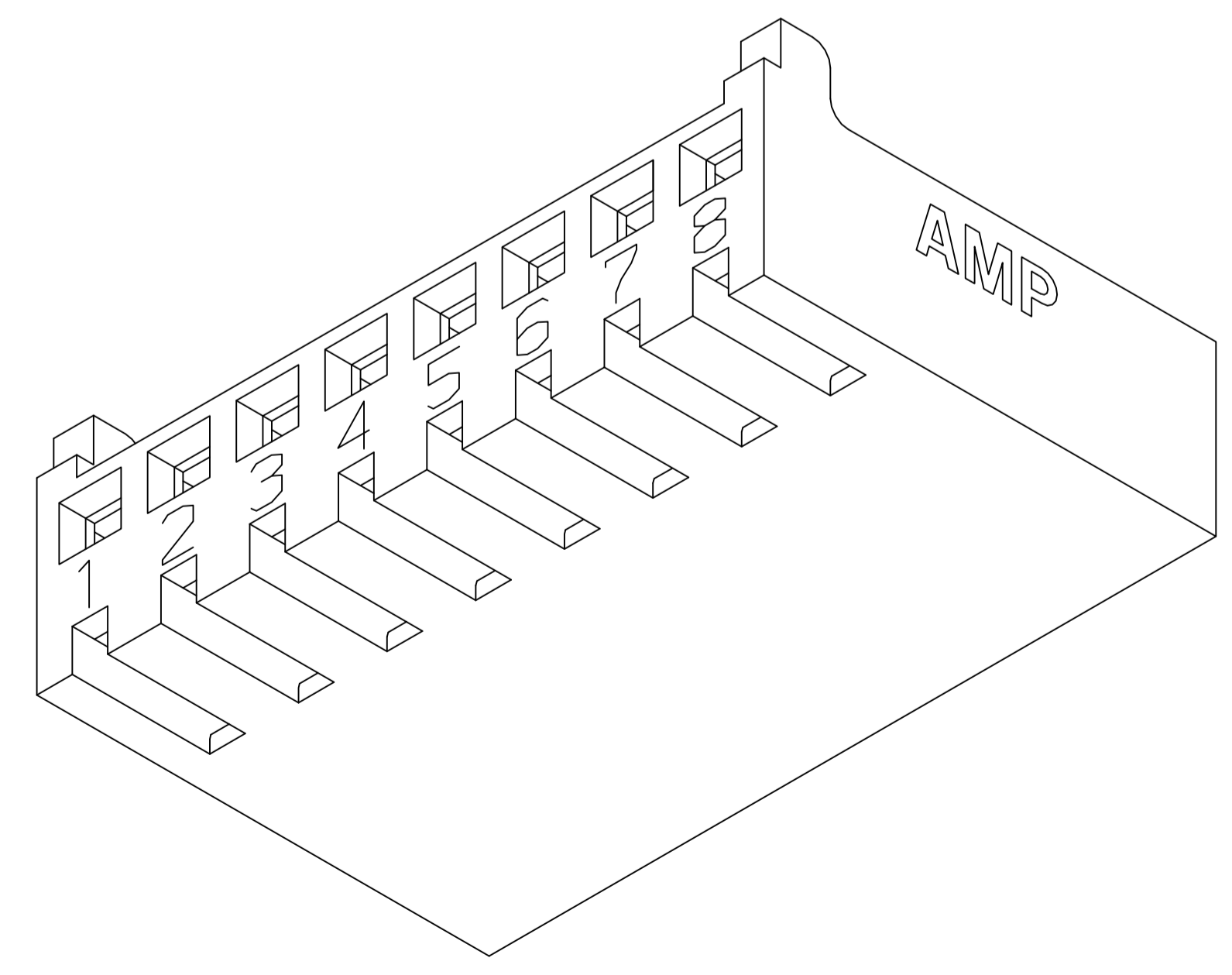
IN	MM	NO. OF CIRCUITS	PART NUMBER
	A		
2.820	71.63	28	2-770602-8
2.720	69.09	27	2-770602-7
2.620	66.55	26	2-770602-6
2.520	64.01	25	2-770602-5
2.420	61.47	24	2-770602-4
2.320	58.93	23	2-770602-3
2.220	56.39	22	2-770602-2
2.120	53.85	21	2-770602-1
2.020	51.31	20	2-770602-0
1.920	48.77	19	1-770602-9
1.820	46.23	18	1-770602-8
1.720	43.69	17	1-770602-7
1.620	41.15	16	1-770602-6
1.520	38.61	15	1-770602-5
1.420	36.07	14	1-770602-4
1.320	33.53	13	1-770602-3
1.220	30.99	12	1-770602-2
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.820	20.83	8	770602-8
.720	18.29	7	770602-7
.620	15.75	6	770602-6
.520	13.21	5	770602-5
.420	10.67	4	770602-4
.320	8.13	3	770602-3
.220	5.59	2	770602-2

3-DIMENSIONAL MODEL
NTS

METRIC