

4

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1

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

C

REVISED (ECR-09-025170)

17NOV'09

P.H

H.K

2023314-1, -2, -3, -4 : AS SHOWN

NOTES:

① CABLE, PULL TAB, GROUND BAR ARE NOT INCLUDED IN PLUG ASS'Y

② UPPER SHELL, LOWER SHELL, PURCHASED SEPARATELY

|                                  |                      |                       |                                   |             |        |
|----------------------------------|----------------------|-----------------------|-----------------------------------|-------------|--------|
| <del>1.055gram</del>             | 0.845gram            | 0.635gram             | 0.425gram                         | W/O SHELL   | WEIGHT |
| <del>0.45gram</del>              | 0.37gram             | 0.29gram              | 0.21gram                          | WITH SHELL  |        |
| <del>2023366-1</del>             | 2023318-1            | 2023352-1             | <del>2023320-1</del>              | LOWER SHELL |        |
| <del>2023365-1</del>             | 2023317-1            | 2023351-1             | <del>2023319-1</del>              | UPPER SHELL |        |
| <del>2023314-4<br/>(50POS)</del> | 2023314-3<br>(40POS) | 2023314-2<br>(30 POS) | <del>2023314-1<br/>(20 POS)</del> | PLUG ASSY   |        |
| PART NUMBER                      |                      |                       |                                   | NAME        |        |

SLIT FOR PULL TAB

MATING CONDITION

DIMENSION OF EACH SYMBOL

| P/N       | POS | A    | B  | C    |
|-----------|-----|------|----|------|
| 2023314-1 | 20  | 14.8 | 13 | 9.5  |
| 2023314-2 | 30  | 19.8 | 18 | 14.5 |
| 2023314-3 | 40  | 24.8 | 23 | 19.5 |
| 2023314-4 | 50  | 29.8 | 28 | 24.5 |

| ④    | LOWER SHELL | COPPER ALLOY             | NICKEL 0.0013 MM MIN. UNDER PLATING                                                                        |
|------|-------------|--------------------------|------------------------------------------------------------------------------------------------------------|
| ③    | UPPER SHELL | COPPER ALLOY             | TIN PLATING 0.002MM MIN. ALL OVER                                                                          |
| ②    | CONTACT     | COPPER ALLOY             | NICKEL 0.00127mm MIN. ALL OVER<br>AU 0.000025~0.00008mm MIN. AT TINE<br>AU 0.0002~0.0005mm AT CONTACT AREA |
| ①    | HOUSING     | THERMOPLASTIC (UL94 V-0) | BLACK                                                                                                      |
| ITEM | NAME        | MATERIAL                 | FINISH/COLOR                                                                                               |

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DWN N.SOONG 04NOV08

CHK C.WAYDE 04NOV08

APVD H.KODAMA 04NOV08

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING



Tyco Electronics Corporation  
Taipei, Taiwan

NAME  
LCD COAXIAL EMBEDDED DISPLAY INTERFACE (LCEDI)  
SR SERIES  
PLUG ASSY

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|------|-----------|------------|---------------|
| A3   | 00779     | C-2023314  |               |

SCALE 4:1 SHEET 1 OF 4 REV C

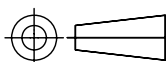
DIMENSIONS:  
mm

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

0 PLC ± 0.2  
1 PLC ± 0.2  
2 PLC ± 0.2  
3 PLC ± 0.2  
4 PLC ± 0.2  
ANGLES ± 2°

MATERIAL

FINISH



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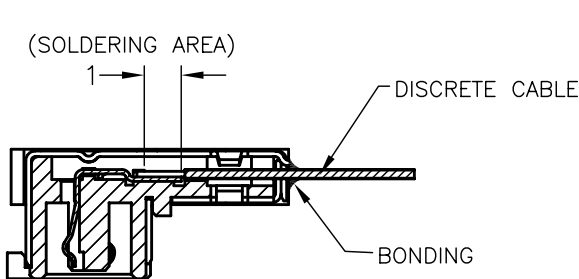
DATE

DWN

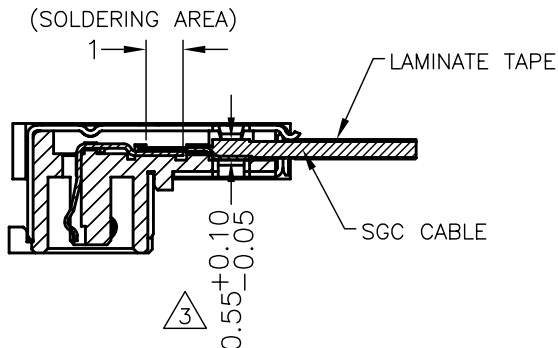
APVD

SEE SHEET 1

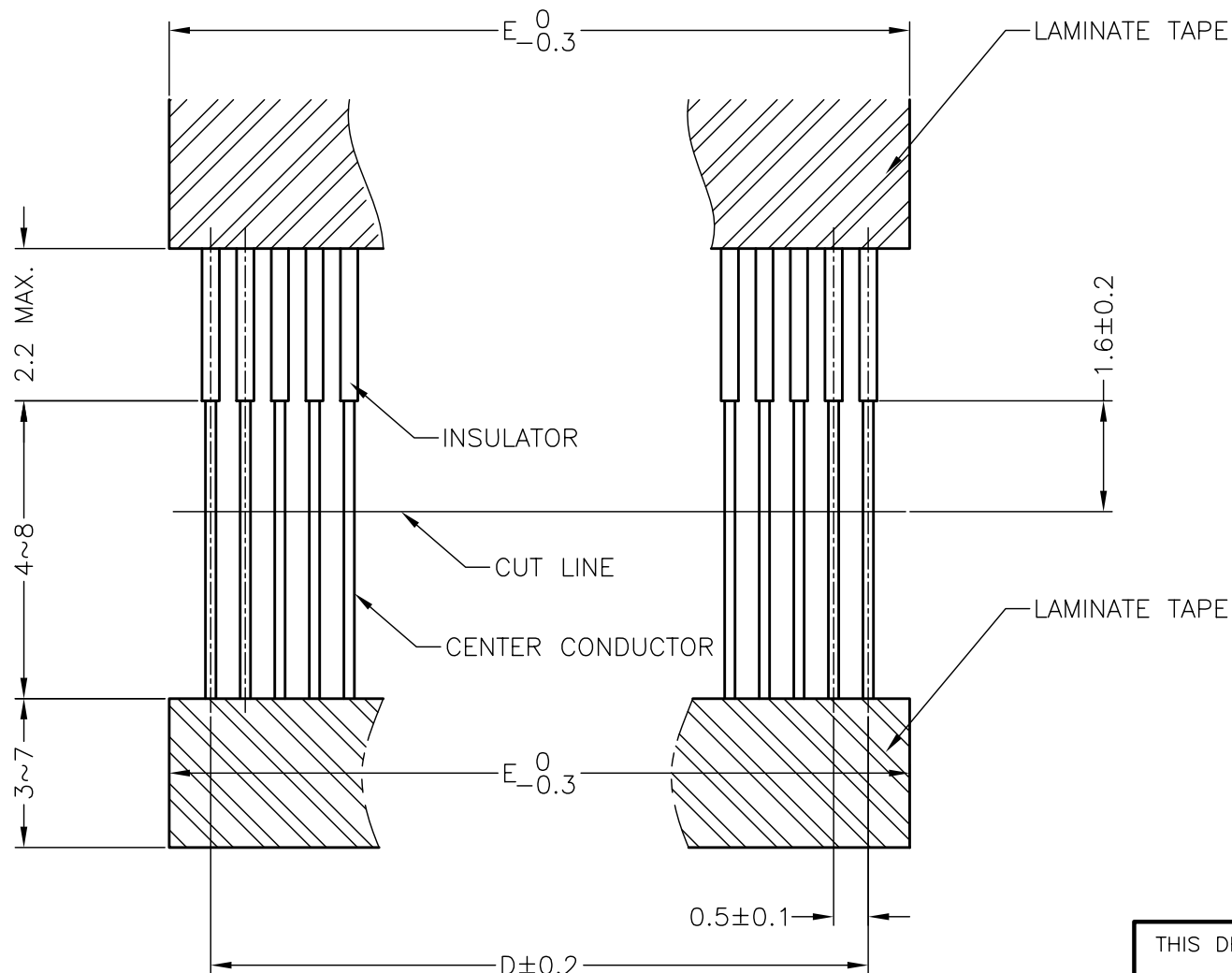
2023314-1, -2, -3, -4 : AS SHOWN



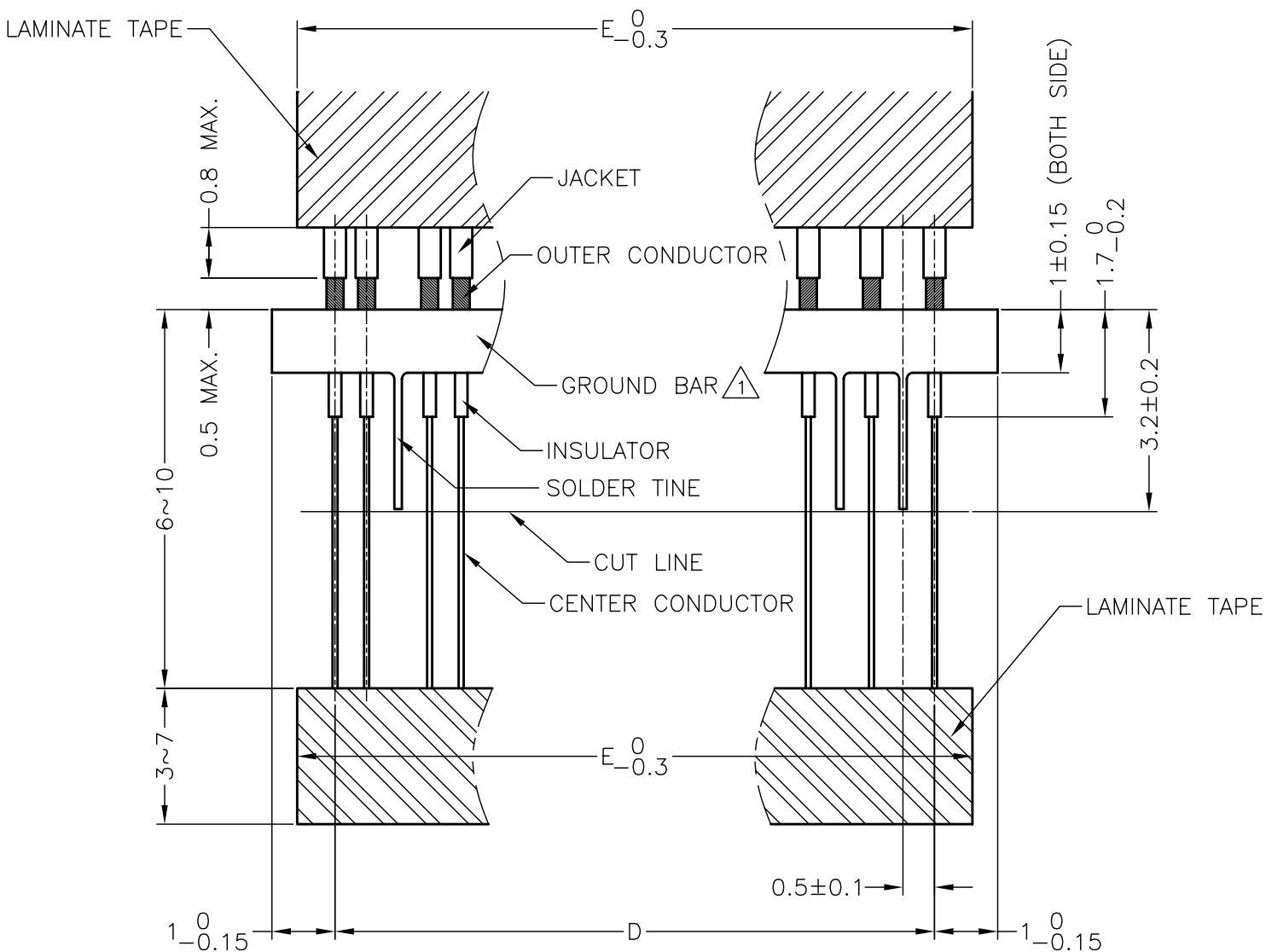
DISCRETE CABLE SET POSTION  
SCALE 5:1



SGC CABLE SET POSTION  
SCALE 5:1



RECOMMENDED DISCRETE CABLE DIMENSION



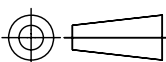
RECOMMENDED SGC CABLE DIMENSION

DIMENSION OF EACH SYMBOL

| P/N       | POS | D    | E    |
|-----------|-----|------|------|
| 2023314-1 | 20  | 9.5  | 10.7 |
| 2023314-2 | 30  | 14.5 | 15.7 |
| 2023314-3 | 40  | 19.5 | 20.7 |
| 2023314-4 | 50  | 24.5 | 25.7 |

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DIMENSIONS:  
mm



MATERIAL

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

0 PLC ± 0.2  
1 PLC ± 0.2  
2 PLC ± 0.2  
3 PLC ± 0.2  
4 PLC ± 0.2  
ANGLES ± 2°

FINISH

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SIZE

CAGE CODE

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C-2023314

SCALE 10:1

SHEET

2 OF 4

REV

C

D



3

A

|          |            |
|----------|------------|
| SGC      | AWG#32~#40 |
| TWINCOAX | AWG#40     |
| DISCRETE | AWG#32~#36 |

3. TWIN COAX CABLE SHOULD BE FOLLOWED THIS DIMENSION AT GROUND BAR AREA

AMP 1470-19 REV 31MAR2000

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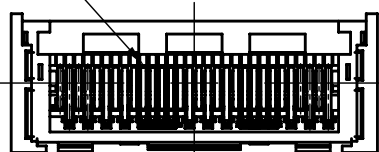
SEE SHEET 1

NOTE.

1. MATERIAL: TRAY: HIPS, COLOR: NATURAL, t=0.8
2. CARTON DIMENSION: 504X364X192

| P/N       | POS | DIM F | DIM G | PCS/TRAY | TRAY/CARTON | TOTAL Q'TY |
|-----------|-----|-------|-------|----------|-------------|------------|
| 2023314-1 | 20  | 266   | 26.6  | 132      | 40          | 5280       |
| 2023314-2 | 30  | 268.2 | 29.8  | 120      | 40          | 4800       |
| 2023314-3 | 40  | 264   | 33    | 108      | 40          | 4320       |
| 2023314-4 | 50  | 253.4 | 36.2  | 96       | 40          | 3840       |

PLUG  
CONNECTOR

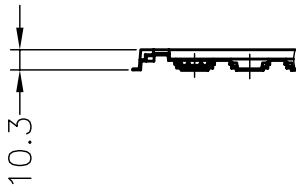
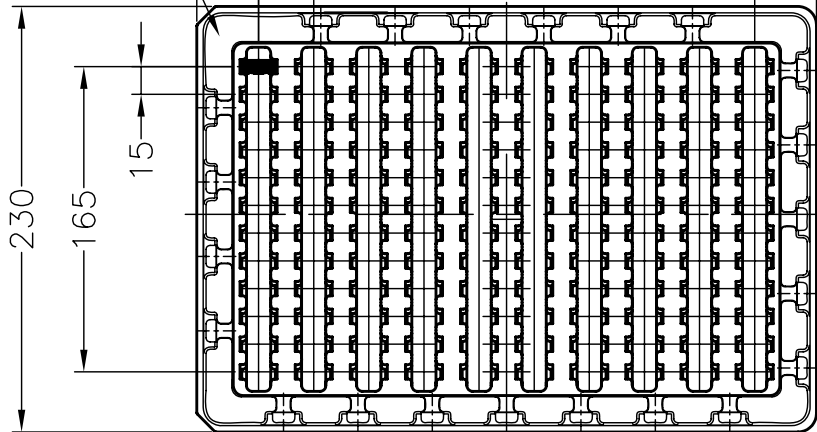


335

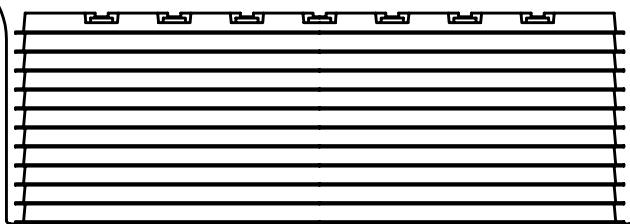
DIM F

DIM G

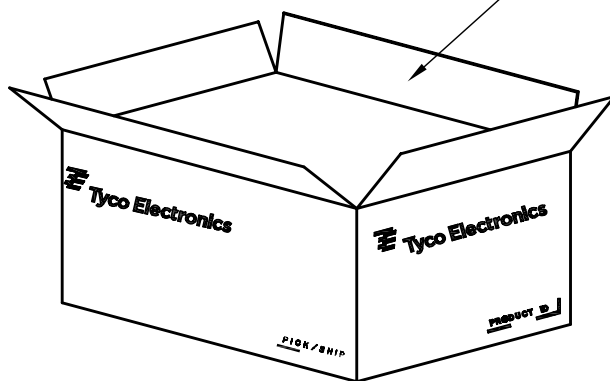
TRAY



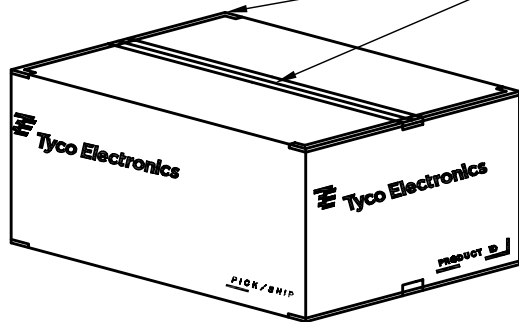
AIR CAP



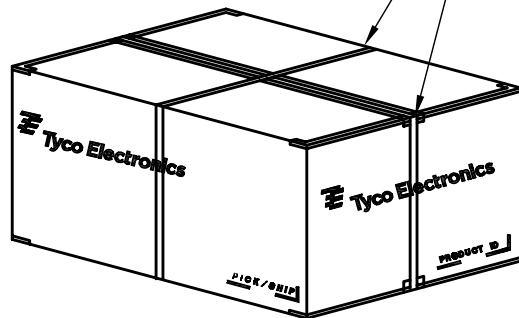
CARTON



TAPE



PACKAGE  
BELT



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| A3   | 00779     | C-2023314  |               |

SCALE 1:1 SHEET 4 OF 4 REV C

# Mouser Electronics

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[2023314-3](#)