



3D VIEW  
SCALE:1:2

|                       |   |   |            |      |                                |          |
|-----------------------|---|---|------------|------|--------------------------------|----------|
|                       |   |  |            |      | TITLE: NGFF 1.60HL STD_ CH 0.4 |          |
|                       |   |   |            |      |                                |          |
| DRAW NO.<br>T-16-**** |   | DESIGN:   | Sally.Duan | DATE | P/N: 40-42569-067XXRHF-H       |          |
|                       |   | CHECK:  |            |      |                                |          |
| REV.                  | 4 | APPROVAL:   |            |      | SCALE: 1:1                     | UNIT: mm |



|                  |            |          |                                 |
|------------------|------------|----------|---------------------------------|
| CUSTOMER DRAWING |            | DATE     | TITLE: NGFF 1.60H_ STD_ CH 0.45 |
| DESIGN:          | Sally.Duan | 01/20'17 | P/N: 40-42569-067XXRHF-HP       |

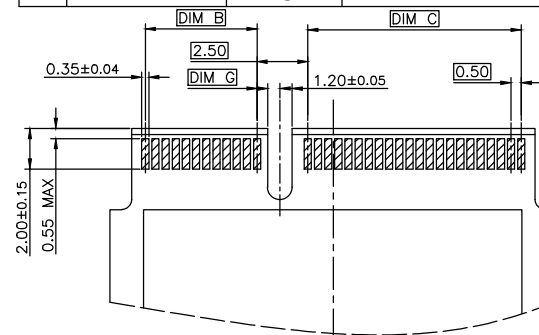
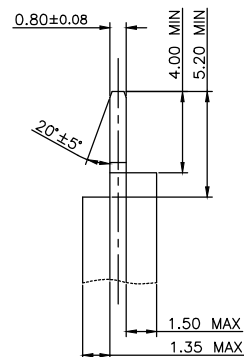
|           |  |  |        |     |   |
|-----------|--|--|--------|-----|---|
| CHECK:    |  |  | SHEET: | 1/3 |  |
| APPROVAL: |  |  | SCALE: | 1:1 | UNIT: mm  |



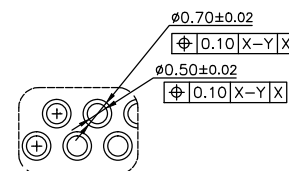
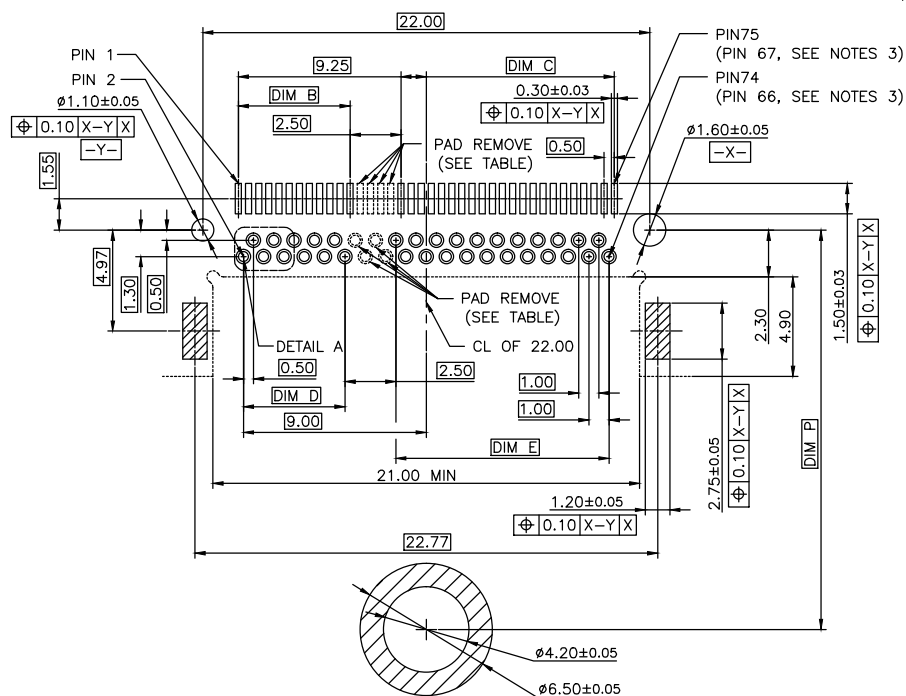
Technical drawing of a mechanical part showing dimensions and tolerances. The drawing includes a cross-section view of a component with a central slot and two side sections. Key dimensions and tolerances are indicated:

- Overall width:  $22.00 \pm 0.15$
- Overall length:  $19.85 \pm 0.10$
- Left side section width:  $0.35 \pm 0.04$
- Left side section depth:  $0.50$
- Central slot width:  $2.50$
- Central slot depth:  $DIM A$
- Right side section width:  $DIM F$
- Right side section depth:  $DIM D$
- Right side section width (inner):  $0.55 \text{ MAX}$
- Right side section depth (inner):  $2.50 \pm 0.15$
- Right side section depth (outer):  $3.50 \pm 0.15$
- Left side section depth (outer):  $4.00 \pm 0.15$

BOTTOM SIDE



TOP SIDE



DETAIL A  
SCALE: 2:1



|             |        |
|-------------|--------|
| 22110       | 114.00 |
| 2280        | 84.00  |
| 2260        | 64.00  |
| 2242        | 46.00  |
| 2230        | 64.00  |
| 3042        | 46.00  |
| 3030        | 34.00  |
| MODULE TYPE | DIM P  |

|        |             |       |        |       |       |       |       |       |       |  |
|--------|-------------|-------|--------|-------|-------|-------|-------|-------|-------|--|
| L      | PIN         | 59-66 | -6.125 | 14.0  | 2.0   | 14.0  | 1.5   | 1.125 | 1.375 |  |
| M      | PIN         | 55-62 | -1.125 | 13.0  | 3.0   | 13.0  | 2.5   | 1.125 | 1.375 |  |
| J      | PIN         | 51-58 | -4.125 | 12.0  | 4.0   | 12.0  | 3.5   | 1.125 | 1.375 |  |
| K      | PIN         | 47-54 | -3.125 | 11.0  | 5.0   | 11.0  | 4.5   | 1.125 | 1.375 |  |
| H      | PIN         | 43-50 | -2.125 | 10.0  | 6.0   | 10.0  | 5.5   | 1.125 | 1.375 |  |
| G      | PIN         | 39-46 | -1.125 | 9.0   | 7.0   | 9.0   | 6.5   | 1.125 | 1.375 |  |
| F      | PIN         | 28-35 | 1.625  | 6.5   | 9.5   | 6.0   | 9.5   | 1.375 | 1.125 |  |
| E      | PIN         | 24-31 | 2.625  | 5.5   | 10.5  | 5.0   | 10.5  | 1.375 | 1.125 |  |
| D      | PIN         | 20-27 | 3.625  | 4.5   | 11.5  | 3.5   | 11.5  | 1.375 | 1.125 |  |
| C      | PIN         | 16-23 | 4.625  | 3.5   | 12.5  | 3.0   | 12.5  | 1.375 | 1.125 |  |
| B      | PIN         | 12-19 | 5.625  | 2.5   | 13.5  | 2.0   | 13.5  | 1.375 | 1.125 |  |
| A      | PIN         | 8-15  | 6.625  | 1.5   | 14.5  | 1.0   | 14.5  | 1.375 | 1.125 |  |
| KEY ID | PAD REMOVED | DIM A | DIM B  | DIM C | DIM D | DIM E | DIM F | DIM G | DIM H |  |

## RECOMMENDED NGFF PCB LAYOUT

|     |            |     |                 |
|-----|------------|-----|-----------------|
| DIM | TOL        | DIM | TOL             |
| x.  | $\pm 0.30$ | x.  | $\pm 2^{\circ}$ |
| .x  | $\pm 0.25$ | .x  | $\pm 1^{\circ}$ |
| .xx | $\pm 0.15$ |     |                 |
|     |            |     |                 |



|                       |   |   |          |      |  |
|-----------------------|---|---|----------|------|--|
|                       |   |  |          |      |  |
|                       |   |   |          |      |  |
|                       |   | CUSTOMER DRAWING  |          | DATE | TITLE: NGFF 1.60H_ STD_ CH 0.45  |
| DRAW NO.<br>T-16-**** |   | DESIGN:<br>Sally.Duan   | 01/20'17 |      | P/N: 40-42569-067XXRHF-HF  |
|                       |   | CHECK:  |          |      | SHEET: 2/3  |
| REV.                  | 4 | APPROVAL:   |          |      | SCALE: 1:1 UNIT: mm  |

HF  
Halogen Free



48

REEL

LABLE

PEELING ANGLE  
165°~180°

ø380

FEEDING DIRECTION

ø1.50

16.00  
4.00  
2.00

CARRY TAPE  
SLOT

44.00

40.40

20.20

1.75

1.70

2.00  
4.00

EMPTY 10  
POCKET MIN

CONNECTOR

EMPTY 15  
POCKET MIN

400mm MIN

| DIM | TOL   |
|-----|-------|
| x.  | ±0.30 |
| .x  | ±0.25 |
| .xx | ±0.15 |

| DIM  | TOL |
|------|-----|
| x.   | ±2° |
| .x   | ±1° |
| REV. | 4   |

|           |           |
|-----------|-----------|
| DRAW NO.  | T-16-**** |
| CHECK:    |           |
| APPROVAL: |           |

|                    |          |
|--------------------|----------|
| CUSTOMER DRAWING   | DATE     |
| DESIGN: Sally.Duan | 01/20'17 |
| SHEET: 3/3         |          |
| SCALE: 1:1         | UNIT: mm |

**CONSHARE**

|                                 |
|---------------------------------|
| TITLE: NGFF 1.60H_ STD_ CH 0.45 |
| P/N: 40-42569-067XXRHF-HP       |
| SHEET: 3/3                      |
| SCALE: 1:1                      |
| UNIT: mm                        |

| REV. | ECN NO. | LOCATION | DESCRIPTION         | DATE     | DESIGN     |
|------|---------|----------|---------------------|----------|------------|
| 1    |         |          | PRELIMINARY DRAWING | 05/16'16 | Sally.Duan |
| 2    |         | 1/2      | REVISED             | 05/18'16 | Sally.Duan |
| 3    |         | 1/2      | REVISED             | 06/02'16 | Sally.Duan |
| 4    |         | 1/A      | REVISED             | 01/20'17 | Sally.Duan |

PARTITION  
BOARD  
2PCS

AIR CAP  
1PCS

TAPE&REEL  
5PCS

PE BAG

AIR CAP  
1PCS

VOID  
FILLER

BOX  
INNER SIZE  
385X385X295mm

LABEL

|              |               |         |                 |               |
|--------------|---------------|---------|-----------------|---------------|
| 1500         | 5             | 7500    | X.XXKG          | X.XXKG        |
| PCS/<br>TAPE | REELS/<br>BOX | PCS/BOX | GROSS<br>WEIGHT | NET<br>WEIGHT |