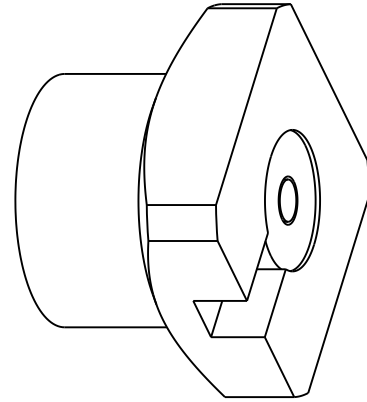
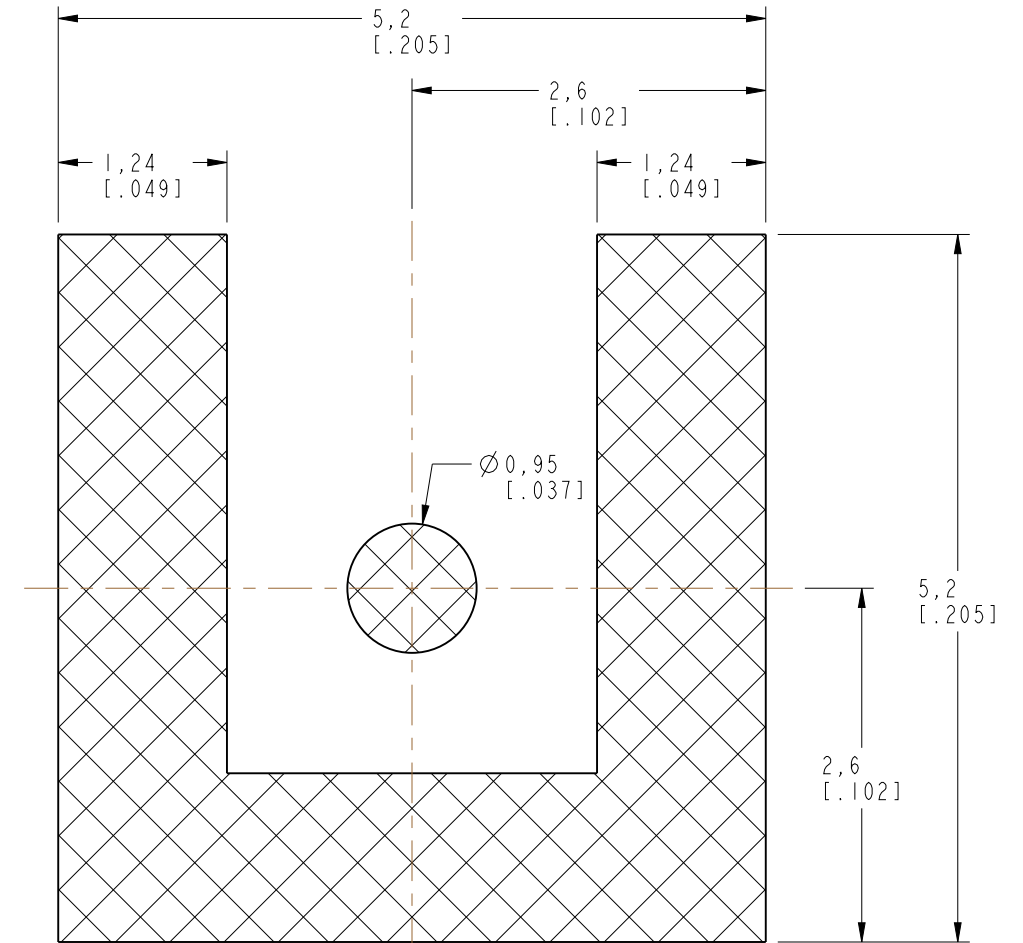
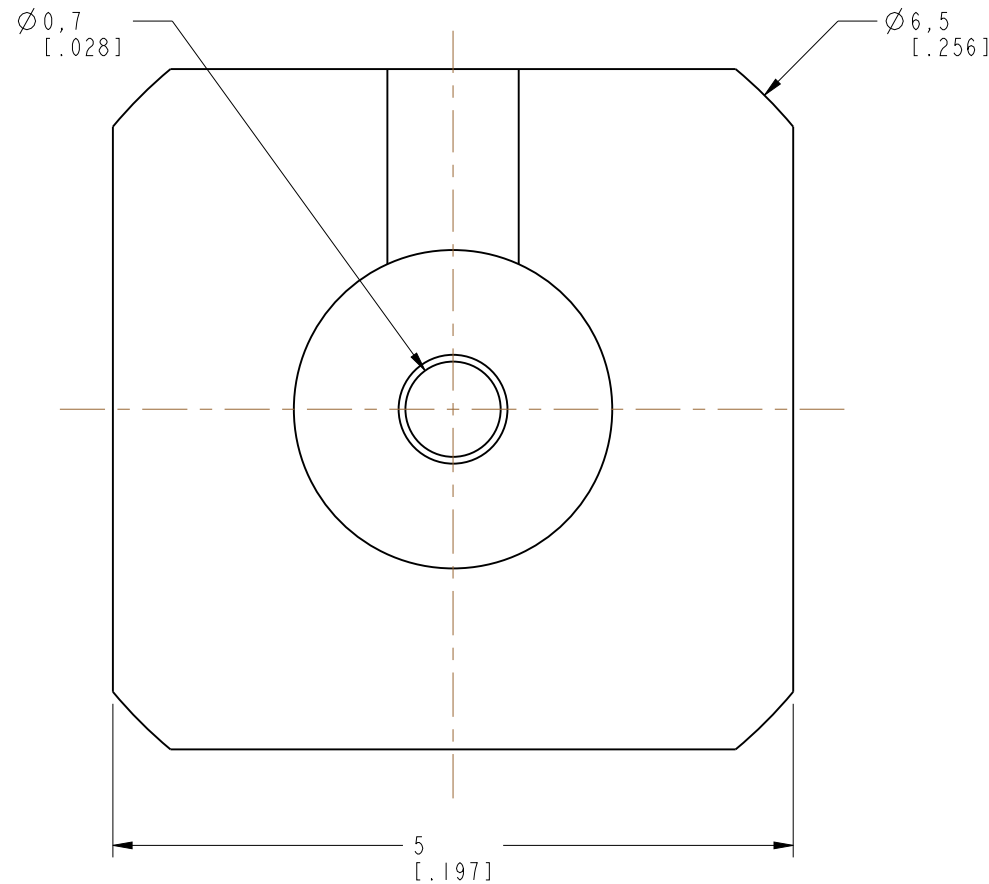


1. MATERIALS AND FINISHES:  
BODY - BRASS, GOLD PLATING  
CONTACT - BeCu, GOLD PLATING  
INSULATOR - PTFE
2. ELECTRICAL:
  - A. IMPEDANCE: 50 OHM
  - B. FREQUENCY RANGE: DC - 26.5 GHz
  - C. VSWR(RETURN LOSS): 1.10 (26.4 dB), MAX. DC - 6 GHz  
1.15 (23.1 dB), MAX. 6 - 10 GHz  
1.30 (17.7 dB), MAX. 10 - 18 GHz
  - D. DIELECTRIC WITHSTANDING VOLTAGE: 335 VRMS, MIN.
3. MECHANICAL:
  - A. DURABILITY: 500 CYCLES MIN.
  - B. ENGAGEMENT FORCE: 10 LBS [45 N] MAX.
  - C. DISENGAGEMENT FORCE: 2 LBS [9 N] MIN.
  - D. INNER CONTACT RETENTION FORCE: 1.5 LB [7 N] MIN.
  - E. TEMPERATURE RANGE: -65° C TO 165° C
4. PACKAGING:
  - A. QUANTITY: TAPE & REEL PACKAGING, 1000 PCS/REEL
  - B. MARKING: REEL TO BE MARKED:  
"AMPHENOL, SMP-MSLD-PCSI8T, AND DATE CODE"



Technical drawing of a mechanical part, showing a cross-section with dimensions. The part has a central rectangular section with a width of 4.09 and a height of 4.19. The top and bottom edges are rounded with a radius of R0.165. The drawing includes a dashed centerline and dimension lines with arrows.



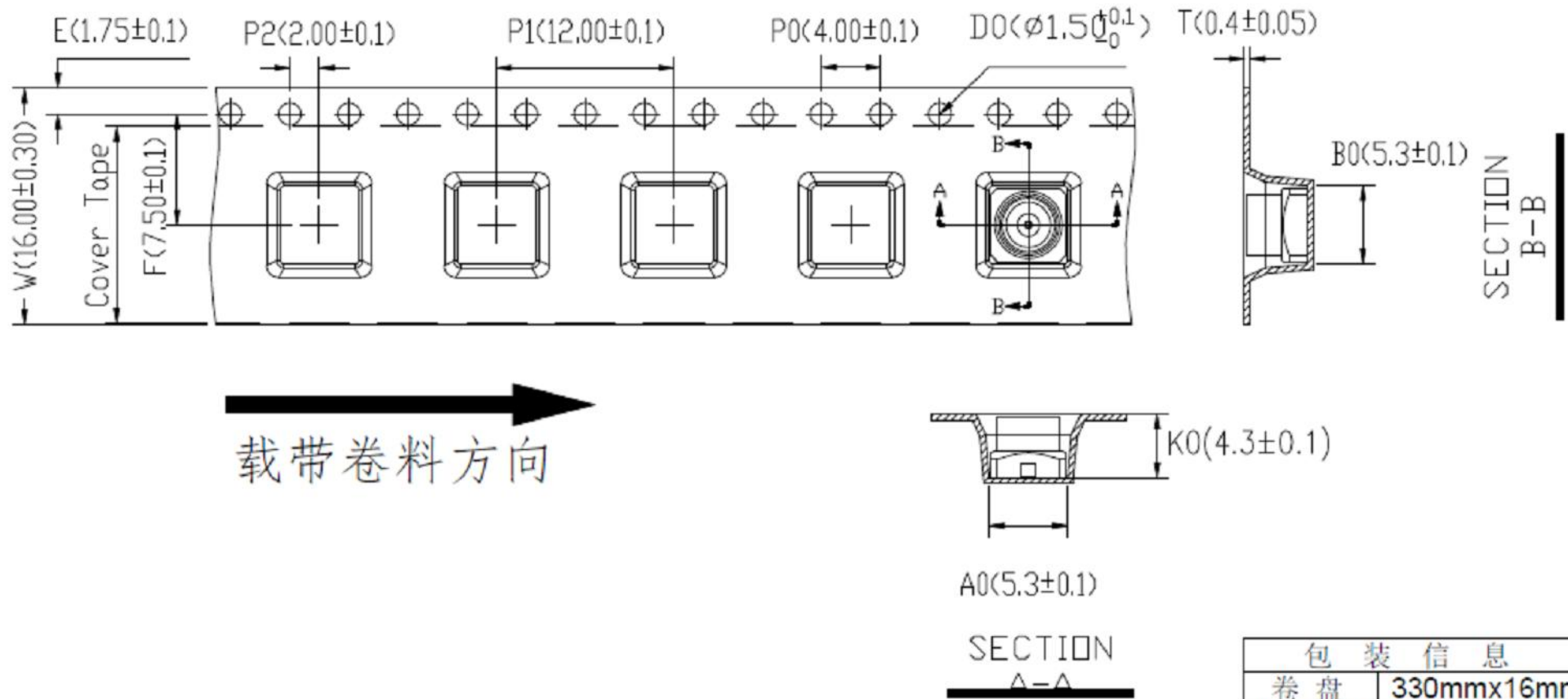
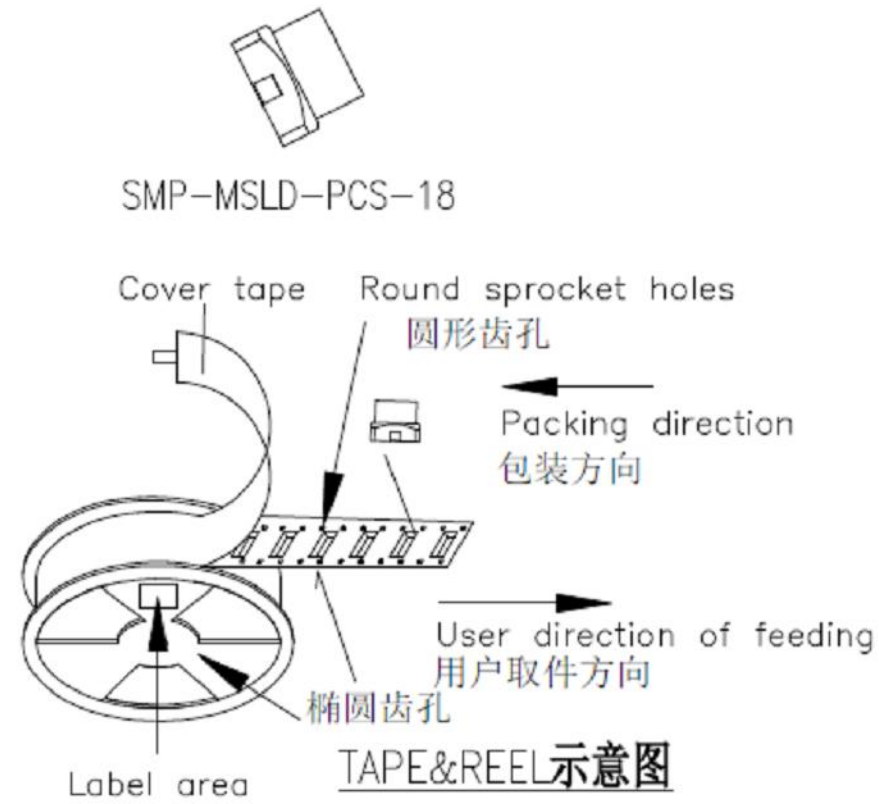
# CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                            |                  |                   |                                                           |          |                                       |                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------|-------------------|-----------------------------------------------------------|----------|---------------------------------------|-----------------|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:<br><0.5mm      0.5 - 6mm      6 - 30mm      30 - 120mm      ANGLES<br>± 0.05mm    ±0.1mm      ±0.2mm      ± 0.3mm      ±1°<br><br>NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data. | MATERIAL<br>SEE NOTES                      | DRAWN<br>S.VO    | DATE<br>27-Mar-19 | TITLE<br>SMP JACK<br>PCB SMT RECEPTACLE<br>LIMITED DETENT |          | Amphenol RF<br><br>www.amphenolrf.com |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | REFERENCE                                  | ENGINEER<br>S.VO | DATE<br>27-Mar-19 |                                                           |          |                                       |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EAR# 8532<br>REF: SMP1251DI-001-30GP30G-50 | APPROVED<br>--   | DATE<br>--        |                                                           |          | SCALE: 18.0:1.0                       | SHEET 2 OF 3    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CONFIGURATION LEVEL: In Work               | CAD FILE         | DWG SIZE<br>B     |                                                           | REV<br>A | DRAWING NO.                           | SMP-MSLD-PCS18T |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | FINISH                                     |                  |                   |                                                           |          | ITEM NO.                              | SMP-MSLD-PCS18T |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                            |                  |                   |                                                           | PART NO. | SMP-MSLD-PCS18T                       |                 |

| REV | DESCRIPTION     | DATE      | ECN   | APPR |
|-----|-----------------|-----------|-------|------|
| A   | RELEASE TO MFG. | 29-Jul-19 | 12481 | SV   |

SMP-MSLD-PCS-18



Notes:

1. 10 sprocket hole pitch cumulative tolerance  $\pm 0.20\text{mm}$   
(每10个链轮齿孔孔径累计公差为 $\pm 0.20\text{mm}$ )
2. Carrier camber not to exceed 1mm in 250mm.  
(传送料带弯曲变形度每250mm(不超过1mm))
3. A<sub>0</sub> and B<sub>0</sub> measured on a plane 0.3mm above the bottom of the pocket. (A<sub>0</sub>与B<sub>0</sub>在同一平面测量且距口袋底部0.3mm)
4. K measured from a plane on the inside bottom of the pocket to the top surface of the carrier.  
(K<sub>0</sub>为口袋底部与材料表面的平面距离。)
5. All dimensions meet EIA-481-D requirements.  
(所有尺寸符合EIA-481-D标准要求。)
6. Material: Black Antistatic polystyrene .  
(材料:黑色聚苯乙烯。)
7. Thickness: 0.40  $\pm$  0.05 mm.  
(厚度:0.40 $\pm$ 0.05毫米。)
8. Packing length per 13" reel : 12.864Meters.  
(每个13"卷轴包装长度12.864米。)
9. Component loader per 13" reel : 1000pcs.  
(每个13"卷轴可装1000个零件。)

技术要求:

在没有保护膜的情况下, 0-90度往返折弯3次, 卷带不会破裂; 冷封带0.3~1.3N; 厚度及防静电要求需满足要求, 防静电性能使用寿命至少大于半年。载带侧壁支撑力2kgf以上。

| ITEM | W            | A <sub>0</sub> | B <sub>0</sub> | K <sub>0</sub> | K <sub>1</sub> | P <sub>1</sub> | F             | E              | D <sub>0</sub> | D <sub>1</sub> | P <sub>0</sub> | P <sub>2</sub> | T              |
|------|--------------|----------------|----------------|----------------|----------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|
| DIM  | 16 $\pm$ 0.3 | 5.3 $\pm$ 0.1  | 5.3 $\pm$ 0.1  | 4.3 $\pm$ 0.1  |                | 12.0 $\pm$ 0.1 | 7.5 $\pm$ 0.1 | 1.75 $\pm$ 0.1 | 1.5 $\pm$ 0.05 |                | 4.0 $\pm$ 0.1  | 2.0 $\pm$ 0.1  | 0.4 $\pm$ 0.05 |

| 包装信息   |                   |
|--------|-------------------|
| 卷盘     | 330mmx16mm        |
| 卷盘信息   | 宝蓝连体盘             |
| 上封带    | 13.3MM            |
| 每盘格数   | 1000pcs+前后各空36pcs |
| 生产模具信息 |                   |
| 间距     | 12mm              |
| 模具穴数   | 8穴                |
| 成型模数   | 134模              |
| 每盘长度   | 12.864M           |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                               |                  |                   |                                                                                               |                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------|-------------------|-----------------------------------------------------------------------------------------------|---------------------------------------|
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | REFERENCE                     | ENGINEER<br>S.VO | DATE<br>25-Jul-19 |                                                                                               |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EAR# 8532                     | APPROVED         | DATE<br>--        |                                                                                               |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | REF: SMP1251DI-001-30GP30G-50 | --               | --                |                                                                                               |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | CONFIGURATION LEVEL: In Work  | CAD FILE         |                   |                                                                                               |                                       |
| FINISH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |                  |                   | DWG SIZE<br>B                                                                                 | REV<br>A                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                               |                  |                   |                                                                                               | DRAWING NO. SMP-MSLD-PCS18T           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                               |                  |                   |                                                                                               | ITEM NO. SMP-MSLD-PCS18T              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                               |                  |                   |                                                                                               | PART NO. SMP-MSLD-PCS18T              |

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Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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