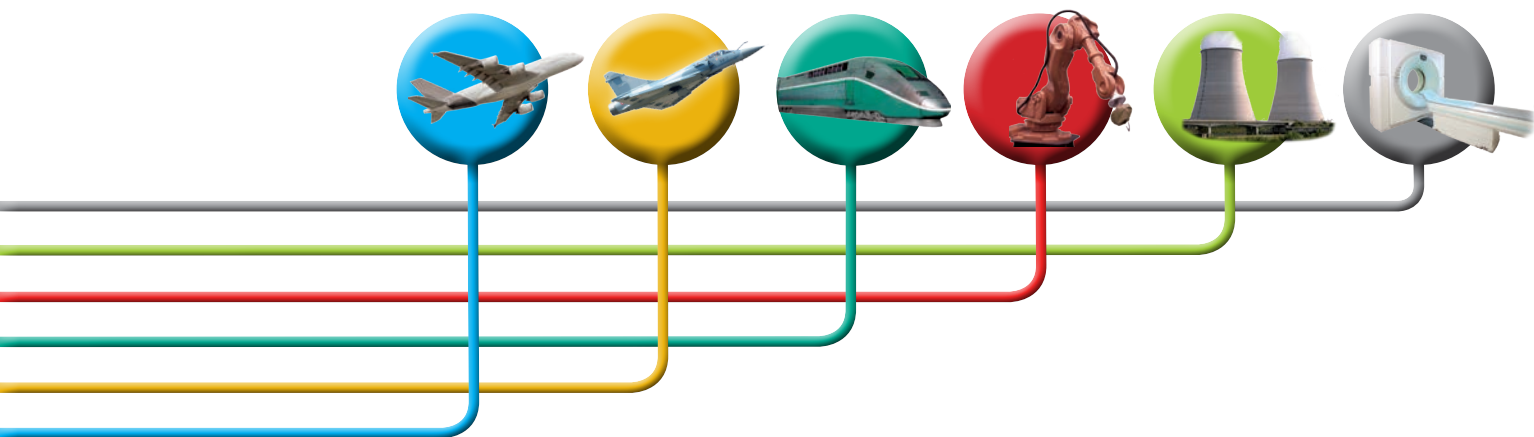
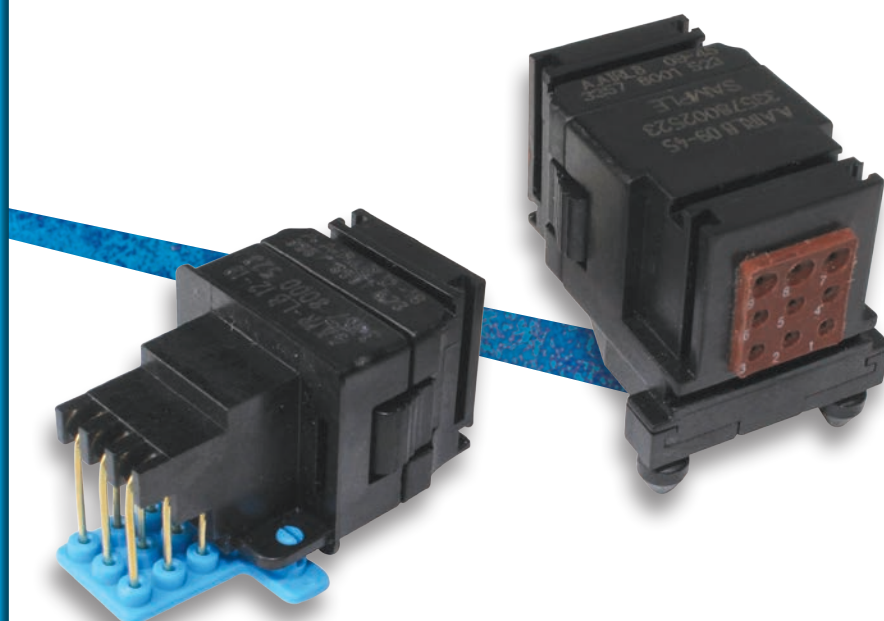




## CONNECTEURS 3357 - ABS 1019



## 3357 CONNECTORS - ABS 1019

Edition 03/13

# Amphenol Air LB

SYSTEMES DE CONNEXIONS ELECTRIQUES ET ELECTRONIQUES  
*ELECTRIC AND ELECTRONIC CONNECTION SYSTEMS*

# PRESENTATION PRESENTATION



Reconnu par l'aéronautique, le connecteur 3357 est normalisé AIRBUS ABS 1019 et Amphenol Air LB vous en propose 7 variantes d'arrangement.

*Used by the commercial aviation industry, the 3357 connector is qualified as per AIRBUS ABS 1019 and Amphenol Air LB provides seven arrangements versions.*

Contacts à sertir P et S taille 22 et 20, normalisés :  
taille 22 : MIL-C-39029/57 354, EN3155-003 S 2222,  
MIL-C-39029/58 360, EN3155-008 P 2222.  
taille 20 : EN3155-015F2018, EN3155-014M2018.

*P and S crimp contacts size 22 and 20, standardized :  
size 22 : MIL-C-39029/57 354, EN3155-003 S 2222,  
MIL-C-39029/58 360, EN3155-008 P 2222.  
size 20 : EN3155-015F2018, EN3155-014M2018.*

## IDENTIFICATION CONNECTEUR

- fabricant : **A.Air LB**  
- période de fabrication : **\*\* - \*\***  
année \_\_\_\_\_  
semaine \_\_\_\_\_

## CONNECTOR IDENTIFICATION

- manufacturer : **A.Air LB**  
- manufacturing date : **\*\* - \*\***  
year \_\_\_\_\_  
week \_\_\_\_\_

# CARACTERISTIQUES TECHNIQUES TECHNICAL DATA

## MECANIQUE

Boîtier Matière : Thermoplastique  
Joint Matière : Elastomère silicone  
Contact Matière : Alliage cuivreux  
Protection : Or sur nickel  
Vibrations : Sinusoïdales - 20g entre 5 et 2000 Hz  
(Tenue au Fan Blade Out)  
Chocs : 50 g - 11 ms  
Rétention des contacts dans l'isolant :

| # Contacts | 22  | 20  |
|------------|-----|-----|
| daN        | 4,5 | 8,9 |

## MECHANICAL

Shell Material : Thermoplastic  
Seal Material : Silicon  
Contact Material : Copper alloy  
Protection : Gold on nickel  
Vibrations : Sinusoids- 20g between 5 and 2000 Hz  
(Fan Blade Out held)  
Shocks : 50 g - 11 ms  
Contacts retention in insulator :

| # Contacts | 22  | 20  |
|------------|-----|-----|
| daN        | 4,5 | 8,9 |

## CLIMATIQUE

Température d'utilisation : -55° à +175° C

## ENVIRONMENT

Operating temperature : -55° to +175°C

## ETANCHEITE

Intervalvéole : suivant EN 2591 Essai 324 - pression : 147 hPa.  
Interfaciale : suivant EN 2591 Essai 314 - pression : 147 hPa.

## SEALING

*Intercavity : according to EN 2591 Test 324 - pressure :147 hPa.  
Interfacial : according to EN 2591 Test 314 - pressure :147 hPa.*

## ELECTRIQUE

Résistance d'isolement :  $\geq$  à 5000 M $\Omega$  sous 500 Vdc  
Résistance de contact : suivant MIL-C-39029  
Chute de tension : suivant MIL-C-39029

| # Contacts                | 22                   | 20                   |
|---------------------------|----------------------|----------------------|
| Tension de tenue<br>50 Hz | 1300 V eff.<br>50 Hz | 1500 V eff.<br>50 Hz |
| Intensité max. à 20°C (A) | 5                    | 7,5                  |

## ELECTRICAL

Insulation resistance :  $\geq$  to 5000 M $\Omega$  at 500 Vdc  
Contact resistance : conforming to MIL-C-39029  
Voltage drop : conforming to MIL-C-39029

| # Contacts                | 22                   | 20                   |
|---------------------------|----------------------|----------------------|
| Tension de tenue<br>50 Hz | 1300 V eff.<br>50 Hz | 1500 V eff.<br>50 Hz |
| Intensité max. à 20°C (A) | 5                    | 7,5                  |

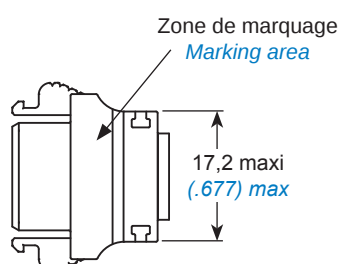
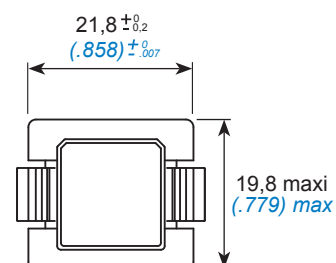
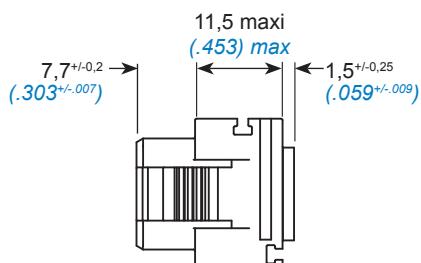
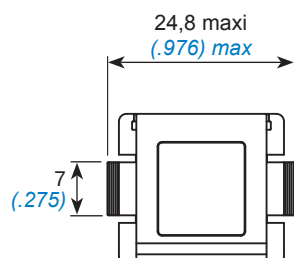
## RESISTANCE AUX FLUIDES

Suivant : NATO - F44 - MIL PRF 7870 - 23699 - 87937 (dilué) - 680  
(type I) - 87252 - AMS 1428 - AS 1241

## FLUID RESISTANCE

*Conform to : NATO - F44 - MIL PRF 7870 - 23699 - 87937 (diluted) -  
680 (type I) - 87252 - AMS 1428 - AS 1241*

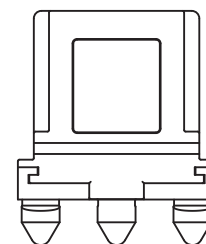
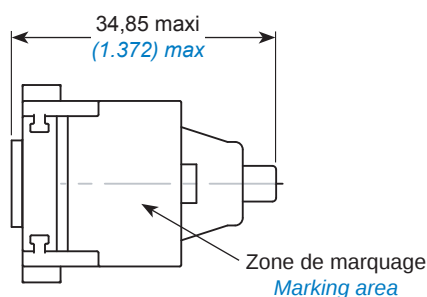
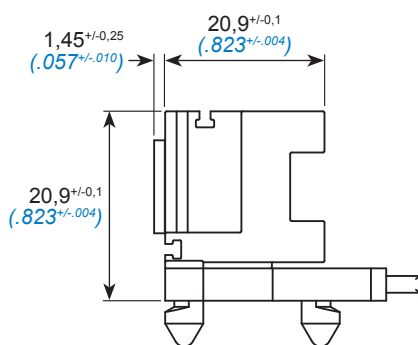
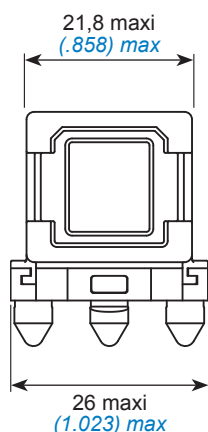
# FICHES PLUGS



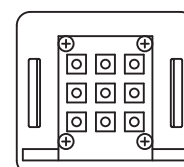
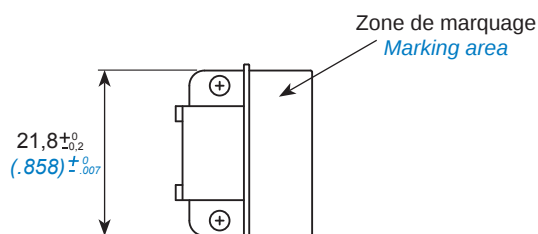
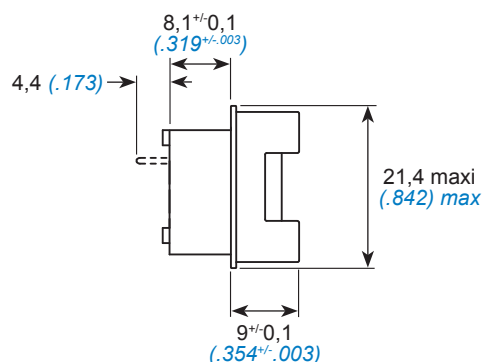
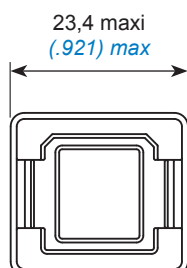
| Arrangements / <i>Layouts</i><br>Vue face avant / <i>Pin front view</i> | Référence / <i>P/N</i>                                                                                             | Description                                     |                                                         |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------|
|                                                                         | 3357 8001 523                                                                                                      | Fiche femelle 3357<br>3 taille 20 + 6 taille 22 | <i>3357 socket plug</i><br><i>3 size 20 + 6 size 22</i> |
|                                                                         | 3357 8004 523<br>Spécifique pour embase 3357 8003 523<br><i>Designed to be mated with receptacle 3357 8003 523</i> | Fiche mâle 3357<br>1 taille 20 + 4 taille 22    | <i>3357 pin plug</i><br><i>1 size 20 + 4 size 22</i>    |
|                                                                         | 3357 8008 523                                                                                                      | Fiche femelle 3357<br>3 taille 20 + 5 taille 22 | <i>3357 socket plug</i><br><i>3 size 20 + 5 size 22</i> |



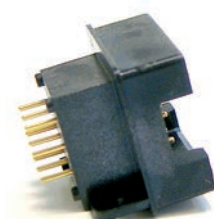
# EMBASES RECEPTACLES

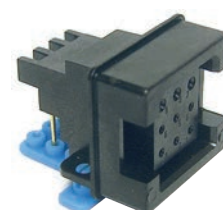
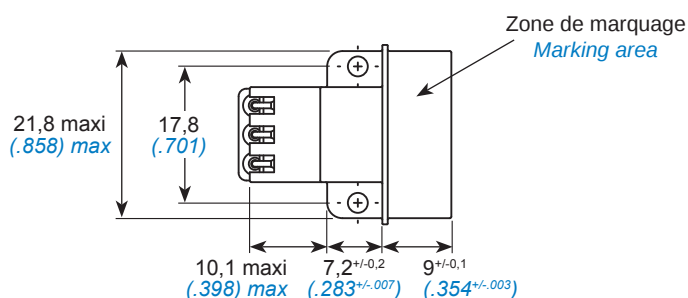
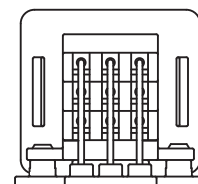
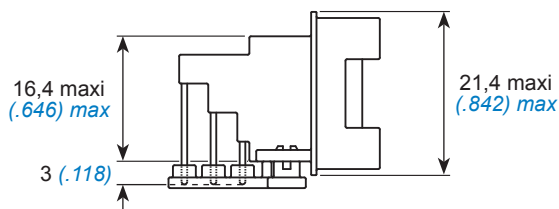
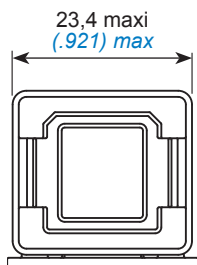


| Arrangement / <i>Layout</i><br>Vue face avant / <i>Pin front view</i> | Référence / <i>P/N</i> | Description                                   |                                              |
|-----------------------------------------------------------------------|------------------------|-----------------------------------------------|----------------------------------------------|
|                                                                       | 3357 8002 523          | Embase mâle 3357<br>3 taille 20 + 6 taille 22 | 3357 pin receptacle<br>3 size 20 + 6 size 22 |



| Arrangement / <i>Layout</i><br>Vue face avant / <i>Pin front view</i> | Référence / <i>P/N</i> | Description                                                                |                                                                       |
|-----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------|
|                                                                       | 3357 8010 523          | Embase mâle 3357<br>3 taille 20 + 6 taille 22<br>à picots droits pour C.I. | 3357 pin receptacle<br>3 size 20 + 6 size 22<br>straight PCB contacts |

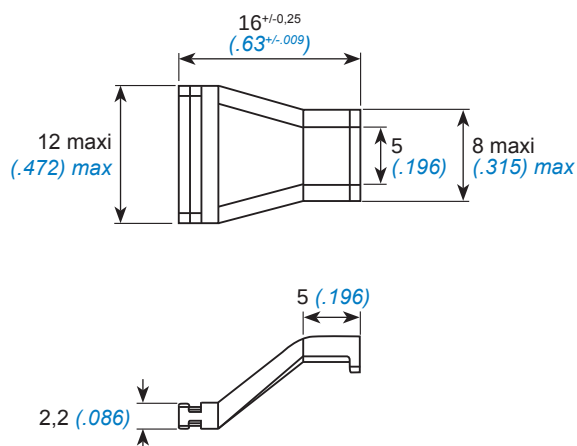




| Arrangement / <i>Layout</i><br>Vue face avant / <i>Pin front view</i> | Référence / <i>P/N</i>                                                                                      | Description                                                                   |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
|                                                                       | 3357 8000 523                                                                                               | Embase mâle 3357<br>3 taille 20 + 6 taille 22<br>contacts pour C.I. soudés    |
|                                                                       | 3357 8003 523<br>Spécifique pour fiche 3357 8004 523<br><i>Designed to be mated with plug 3357 8004 523</i> | Embase femelle 3357<br>1 taille 20 + 4 taille 22<br>contacts soudés pour C.I. |

## ACCESSOIRE ACCESSORY

### SERRE CABLES / *CABLE CLAMPS*

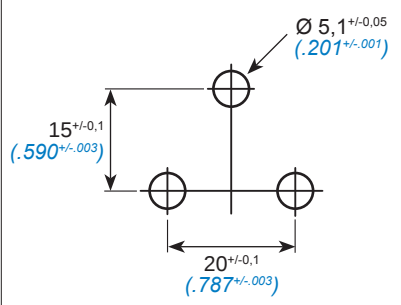
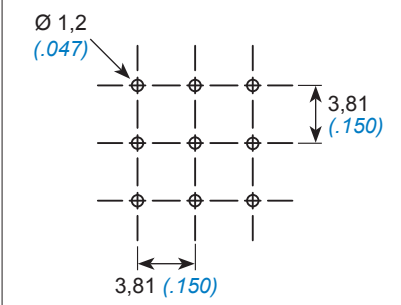
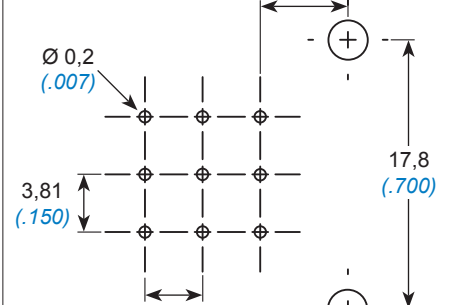


Référence - *Part number*  
3357 0001 301

# PLANS DE PERCAGE

## PANEL CUTOUT



| <b>Pour fixation 3 points</b><br><i>For 3 pins fixing</i>                         | <b>Pour picots droits</b><br><i>For straight PCB contacts</i>                     | <b>Pour picots coudés</b><br><i>For angled PCB contacts</i>                        |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|  |  |  |