

CARACTERISTIQUES TECHNIQUES

TECHNICAL DATA



MECANIQUE

Module	Matière	: Thermoplastique
Joint	Matière	: Elastomère silicone
Contact	Matière	: Alliage cuivreux
	Protection	: Or sur nickel
Vibrations		: Sinusoïdales fréquence de 10 à 2000 Hz accélération 10 g. 12 cycles, discontinuité $\leq 1 \mu s$
Endurance		: 10 cycles de montage/démontage du contact dans cavité
Chocs		: 100 g 1/2 sinus, 6 ms (3 chocs dans 3 directions)
Rétention contacts	taille 22	: 4 daN
	taille 20	: 6 daN
	tailles 16 et 12	: 11 daN

RESISTANCE AUX FLUIDES

Tenue aux fluides : Conforme aux normes EN 3708

CLIMATIQUE

Température d'utilisation	: -55°C à +175°C
Endurance	: 1000h à 175°C
Chaleur humide	: 21j à 40°C et 93% HR
Résistance au Brouillard Salin	: 48h

ELECTRIQUE

Tension de tenue :	
au niveau de la mer	: toutes tailles, tous modules : 1500 V rms
21 000 mètres	: 350 V
Résistance d'isolement	: $\geq 5\ 000\ M\Omega$
Résistance de contacts	: taille 22 : 5 mΩ
	taille 20 : 4 mΩ
	tailles 16, 12 : 3 mΩ
Intensité maxi du contact	: taille 22 : 5 A
	taille 20 : 7,5 A
	taille 16 : 13 A
	taille 12 : 23 A

MECHANICAL

Module	Material	: Thermoplastic
Grommet	Material	: Silicon elastomer
Contact	Material	: Copper alloy
	Plating	: Gold on nickel
Vibrations		: Sinusoidal frequency from 10 to 2000 Hz acceleration 10 g. 12 cycles, discontinuity $\leq 1 \mu s$
Endurance		: 10 complete mounting/unmounting cycles of contacts into the cavity
Shocks		: 100 g 1/2 sinus, 6 ms (3 shocks in 3 directions)
Contact retention	size 22	: 4 daN
	size 20	: 6 daN
	sizes 16 et 12	: 11 daN

RESISTANCE TO FLUIDS

Fluids resistance : Complies with standards EN 3708

ENVIRONMENT

Operating temperature	: -55° to +175°C
Endurance	: 1000h à 175°C
Damp heat	: 21j à 40°C et 93% HR
Salt spray resistance	: 48h

ELECTRICAL

Withstanding voltage :	
at sea level	: all sizes, all modules : 1500 V rms
21 000 meters	: 350 V
Insulation resistance	: $\geq 5\ 000\ M\Omega$
Contact resistance	: size 22 : 5 mΩ
	size 20 : 4 mΩ
	sizes 16, 12 : 3 mΩ
Max. contact current rating	: size 22 : 5 A
	size 20 : 7,5 A
	size 16 : 13 A
	size 12 : 23 A

SYSTEME DE REFERENCE

PART NUMBERING SYSTEM

TYPE DE MODULE / TYPE OF MODULE

Modules standards / <i>Standard modules</i>	15
Modules de masse / <i>Grounding modules</i>	18
Modules à fixation individuelle / <i>single fixing modules</i>	07
Modules à composants / <i>Modules with components</i>	30

CONTACTS / CONTACTS

Taille 22 / <i>Size 22</i>	1
Taille 20 / <i>Size 20</i>	2
Taille 16 / <i>Size 16</i>	3
Taille 12 / <i>Size 12</i>	4
Modules hybrides / <i>Mixed modules</i>	5

ARRANGEMENTS DES SHUNTS / SHUNTS LAYOUTS

01
02
03
etc...

0011*** ** 02

Modules standards / *Standard modules* :

Avec repérage imprimé	: 001115 *** 02
Sans repérage	: 001105 *** 02
With printing on module	: 001115 *** 02
Without printing on module	: 001105 *** 02

MODULES 1100

1100 MODULES



IDENTIFICATION VISUELLE MODULES :

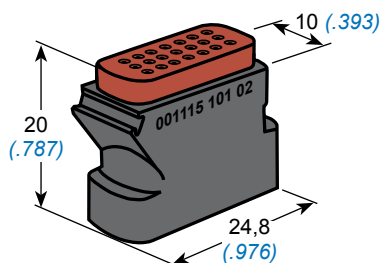
Joint d'étanchéité : **ROUGE** = Fond colmaté

Joint d'étanchéité : **MARRON** = Boîtier **J1**

MODULES - VISUAL IDENTIFICATION :

Sealing grommet : **RED** = Sealed bottom

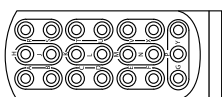
Sealing grommet : **BROWN** = Shell **J1**



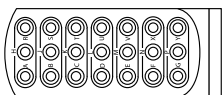
Taille 22
Size 22

21 Contacts
(5 A)

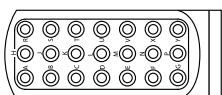
Masse / Weight
8,75 g



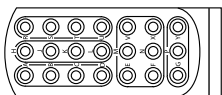
001115 101 02



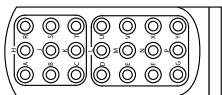
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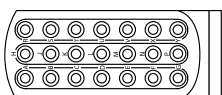
001115 103 02



001115 104 02

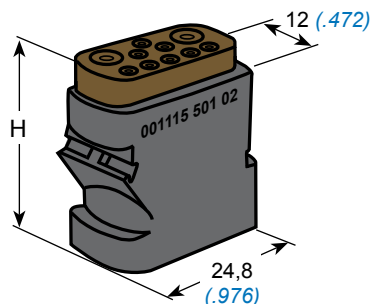


001115 105 02



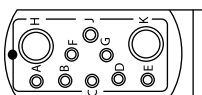
001115 106 02

MODULES HETEROGENES MIXED MODULES



10 Contacts :
2 x 12 + 8 x 20

Masse / Weight
6,8 g

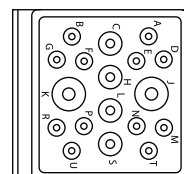


Pas / Pitch : 12 (.472)
H = 22,3 (.877)

001115 501 02 **J1**

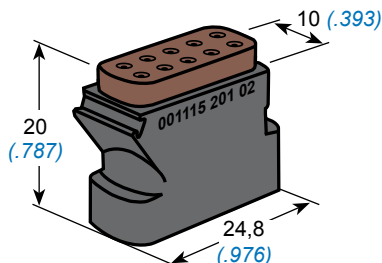
18 Contacts ;
2 x 12 + 4 x 16 + 12 x 20

Masse / Weight
25,50 g



Pas / Pitch : 25 (.984)
H = 23 (.905)

001115 503 02 **J1**

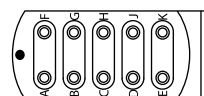


Taille 20
Size 20

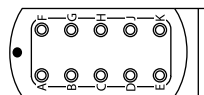
10 Contacts
(7,5 A)

Masse / Weight

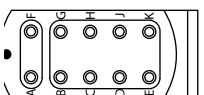
Rouge **Marron**
Red **Brown**
6,61 g 4,85 g



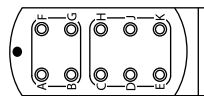
001115 201 02 **J1**



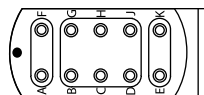
001115 202 02 **J1**



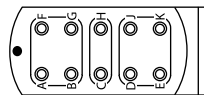
001115 203 02



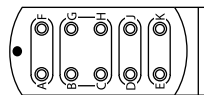
001115 204 02 **J1**



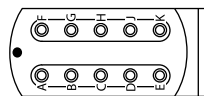
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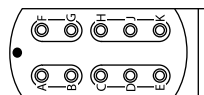
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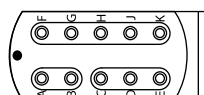
001115 207 02 **J1**



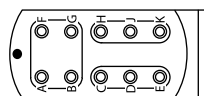
001115 208 02 **J1**



001115 209 02 **J1**



001115 210 02



001115 211 02 **J1**

REFERENTIEL

PART NUMBERING TABLE



Réf / P/N AALBF	Réf / P/N EN 3708-..	Réf / P/N OTAN	Réf / P/N NSA	Page
000570 304 07				42
000842 050 60		5310143250111		39
000842 080 60				39
000862 138 60				39
000863 190 99		5310144438139		39
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001100 272 02				35
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001102 004 60		5940143460630	NSA937901SC	39-40
001102 007 60		5940143460631	NSA937901SD	39-40
001102 010 60				41-42
001107 200 60		5940143130033		36
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001107 300 60		5940140417062		36
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001115 106 02	003A06		NSA937901M2206	33
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001115 209 02Z				36
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001115 305 02	003C05	5940143513932	NSA937901M1605	34
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