

IN THE CONSTANT PURPOSE OF IMPROVING ITS PRODUCTS, Amphendl Socapex RESERVES THE RIGHT TO MODIFY ANY DIMENSION OR CHARACTERISTICS.
FM.NPD.0076.THYEZ.PUNE rev B

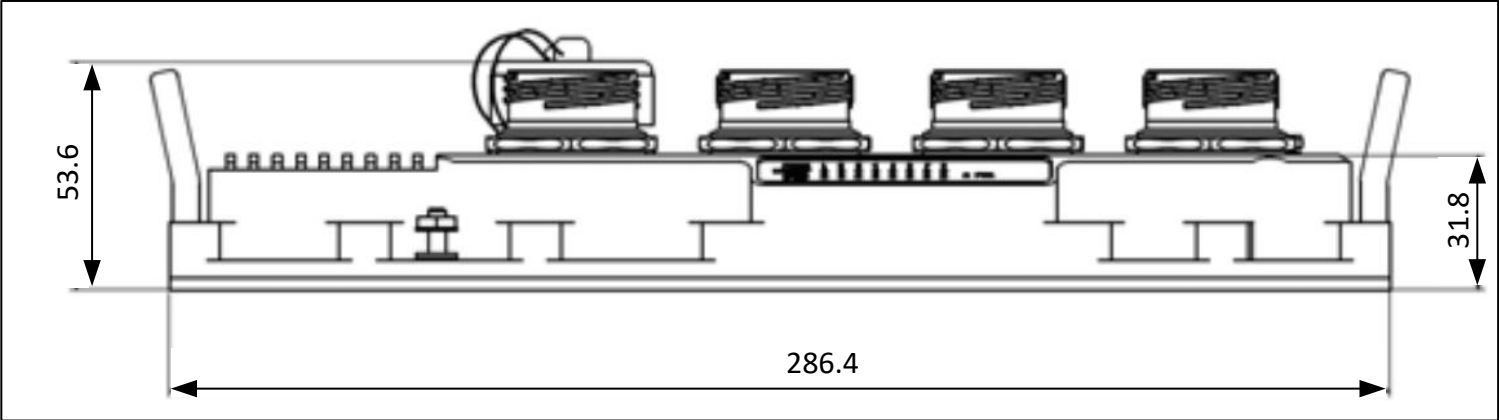
1	2	3	4	5	6	7	8
KIT contain below Parts							
Sr.No	Description	Part number		Page No	Qty	UOM	
1	Rugged Ethernet switch	RJSMLAC-8EMG-CAPS		2	1.00	EA	
2	Cable assembly for power supply	RJSMLAC-8MG-CBL-PWR-2M-B4		3-4	1.00	EA	
3	Cable assembly for Management port	RJSMLAC-8MG-CBL-MNG-1M		5-6	1.00	EA	
4	Cable assemblies for LAN ports	RJSMLAC-8MG-CBL-ETH-RJ45-2M		7-8	4.00	EA	
LAST CHANGE : - APPROVAL FOR MANUFACTURING Add missing specifications on the drawing if necessary (specific labellings, tolerances,...) CUSTOMER : PROGRAM : Name : Date : CUSTOMER SIGNATURE ASF - _____ ALL DIMENSIONS ARE IN MM SCALE : / AMPHENOL SOCAPEX B.P. 29 74311 THYEZ CEDEX ORIGINAL DRAWING DATE : 12-11-2021 REV : C CONFIGURATION DATA ARE AVAILABLE IN PDM PAGE : 1/8 191-PLC-974-00 KIT RJSMLAC-8EMG-CAPS DRAWN BY : Prasad M UPDATED BY : Deepak J LAST APPROVED BY : Nikhil W							

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

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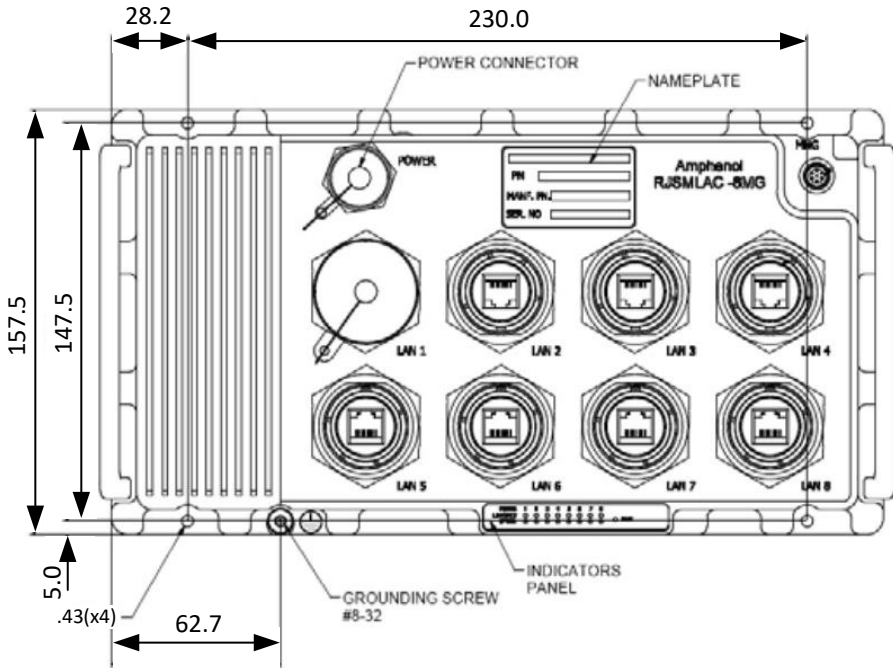
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Ethernet Switch Description	
Part number	RJSMLAC-8EMG-CAPS
Description	Managed Rugged Ethernet switch - 8 Gigabit ports
Standards	MIL-STD-1275, MIL-STD-704A, MIL-STD-461E, MIL-STD-810F GM, IP67/68,MIL-F-18870-E,MIL-STD-167-1A,MIL-S-901D
Input Voltage	24Vdc Nominal (18-32VDC)



Pic A

RJSMLAC-8EMG-CAPS
(For Dimensions refer Pic A,B)



Pic B

LAST CHANGE :
-

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KIT RJSMLAC-8EMG-CAPS

DRAWN BY : Prasad M UPDATED BY : Deepak J LAST APPROVED BY : Nikhil W

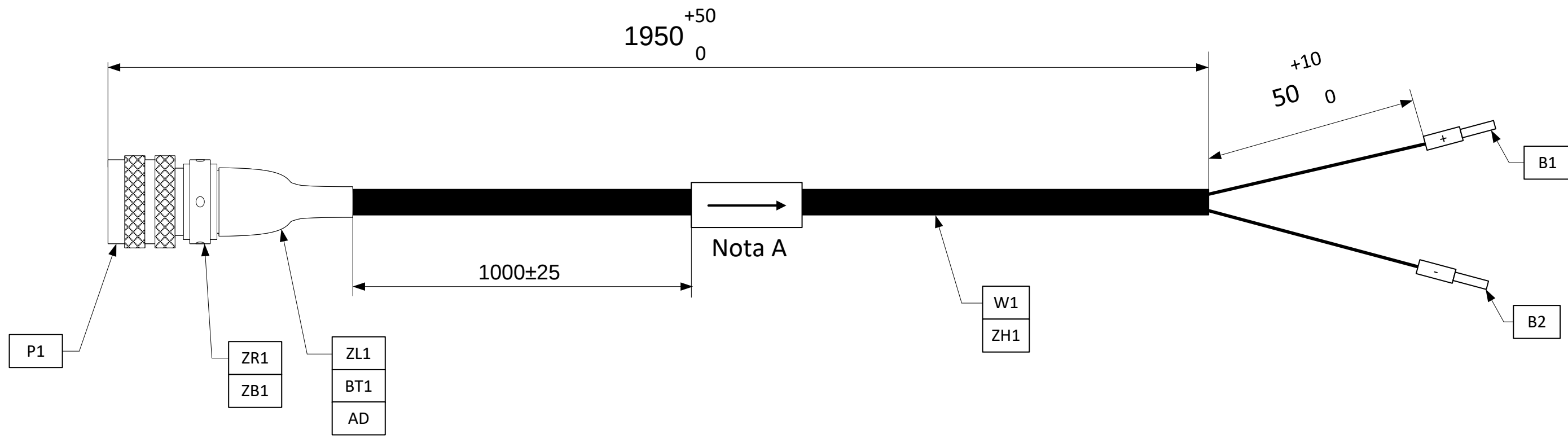
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AMPHENOL SOCAPEX
B.P. 29 74311 THYEZ CEDEX

ORIGINAL DRAWING DATE : 12-11-2021
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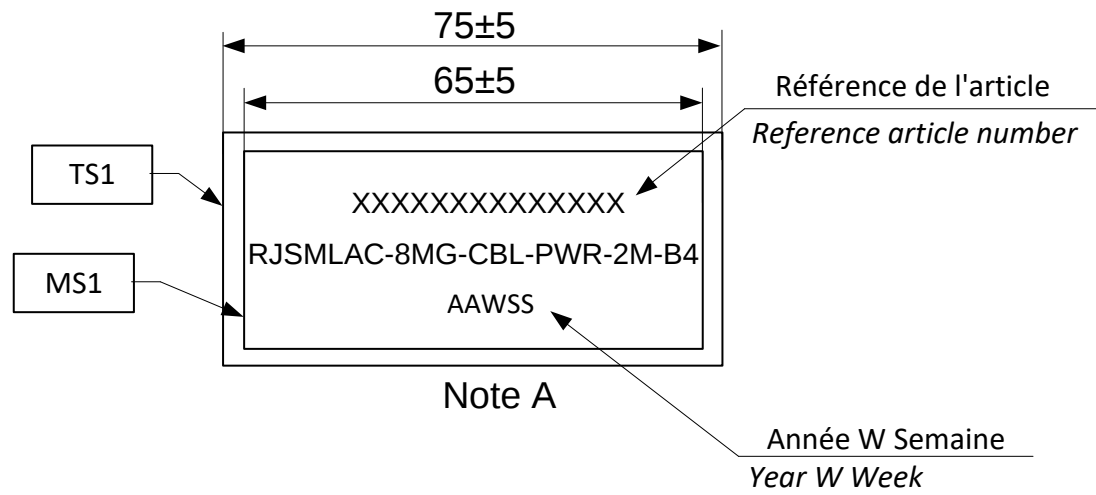
191-PLC-974-00

Note:
1. The caps are not all shown.
Les bouchons ne sont pas tous représentés.

Cable assembly for power supply : RJSMLAC-8MG-CBL-PWR-2M-B4



Label



- Notes:
1. All dimensions are in millimeter.
Les cotes sont en millimètre.
 2. Continuity & insulation resistance test on each S/N.
Test de continuité & résistance d'isolement sur chaque S/N.
 3. Packed in sealed bag
Emballé dans un sac étanche.
 4. Plugs B1 and B2 have same length.
Les fiches B1 et B2 ont la même longueur.
 5. Assemble cable ASSY I.A.W IPC/WHMA-a-620 Class 3 Specification
Assemblez le câble ASSY I.A.W IPC / WHMA-a-620 Classe 3 Spécification
 6. Put 1 drop of thread locking compound Loctite 222 on the threaded area of the connector before tightening the backshell
Mettez 1 goutte de Loctite 222 sur la zone fileté du connecteur avant de serrer la coque arrière.

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A

B

C

D

E

F

Cable assembly for power supply : RJSMLAC-8MG-CBL-PWR-2M-B4

Wiring diagram

P1	
Observations	Raccord
#20	A
	B
NC	C

W1

Blue

White

B1

24 VDC

B2

0 VDC

- Contact size

- Shielded twisted pair

Bill of material

Sr no	Designation	Component type	Manufacturer Part number	Manufacturer	Unit Qty	UOM
1	P1	Connector	D38999/26WA98SA	Amphenol	1.00	EA
2	B1	Banana plug	FK15S RED	Schützinger	1.00	EA
3	B2	Banana plug	FK15S BLK	Schützinger	1.00	EA
4	ZR1	Backshell	TV35091008014	Amphenol	1.00	EA
5	BT1	Band Tie	M85049/128-3 or equivalent	Glenair	1.00	EA
6	ZB1	Braid	TB13-T-63 or Any suitable size	Tyco	0.10	M
7	ZL1	Boot	202K121-25-0 or Any suitable size	Tyco	1.00	EA
8	W1	Wire	KU05-20	Nexans	2.00	M
9	ZH1	HST	DR25 1/4-0M or Any suitable size	Tyco	2.00	M
10	MS1	HST	RNF100 1/4-YELLOW or Any suitable size	Tyco	0.07	M
11	TS1	HST	RNF100 1/4 -TRANSP or Any suitable size	Tyco	0.08	M
12	AD	Adhesive	S1125-KIT8	Tyco	0.10	EA

LAST CHANGE :
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ALL DIMENSIONS ARE IN MM

SCALE : /

KIT RJSMLAC-8EMG-CAPS

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B.P. 29 74311 THYEZ CEDEX

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PAGE : 4/8

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DRAWN BY : Prasad M

UPDATED BY: Deepak J

LAST APPROVED BY: Nikhil W

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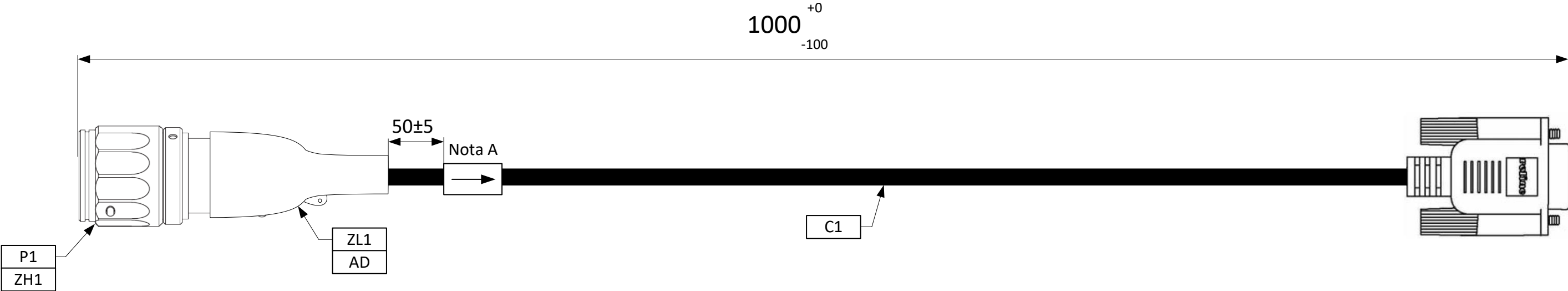
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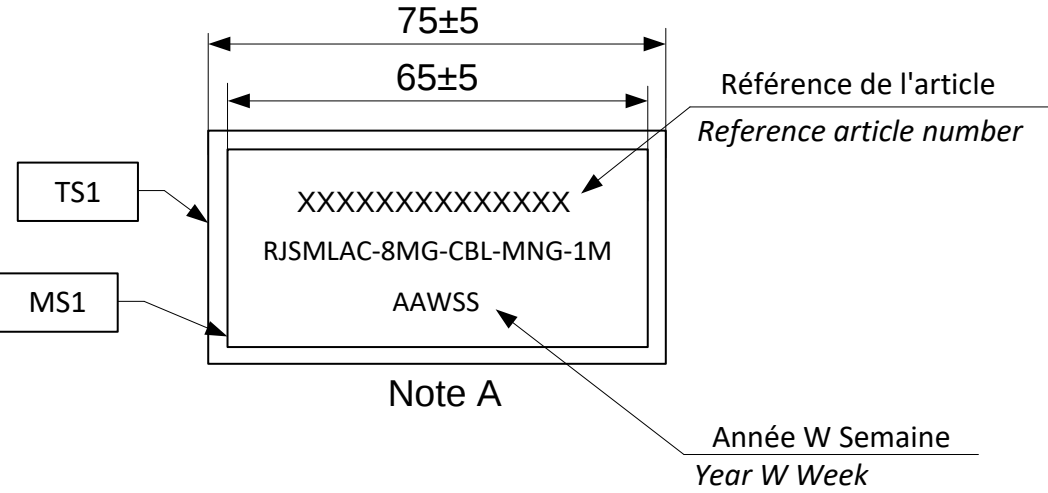
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Cable assembly for management port : RJSMLAC-8MG-CBL-MNG-1M



Label

- Notes:
- 1. All dimensions are in millimeter.
Les cotes sont en millimètre.
 - 2. Continuity & insulation resistance test on each S/N.
Test de continuité & résistance d'isolement sur chaque S/N.
 - 3. Packed in sealed bag
Emballé dans un sac étanche.
 - 4. Use HST (ZH1) over solder contacts at P1 end.
Utilisez HST (ZH1) sur les contacts de soudure à l'extrémité P1.
 - 5. Do not terminate the cable shield over P1 Connector.
Ne terminez pas le blindage du câble sur le connecteur P1.
 - 6. Assemble cable ASSY I.A.W IPC/WHMA-a-620 Class 3 Specification
Assemblez le câble ASSY I.A.W IPC / WHMA-a-620 Classe 3 Spécification

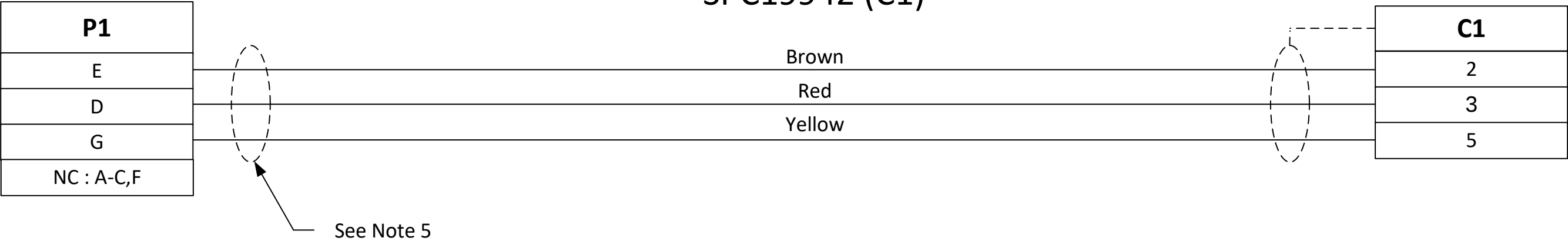


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					REV : C	PAGE : 5/8
			191-PLC-974-00			

Cable assembly for management port : RJSMLAC-8MG-CBL-MNG-1M

Wiring diagram

SPC19942 (C1)



Bill of Material

Sr no	Designation	Component type	Manufacturer Part number	Manufacturer	Unit Qty	UOM
1	P1	Connector	SCE2-B-L1K06-07PN	Amphenol	1.00	EA
2	ZL1	Boot	202K121-25-0 or Any suitable size	Tyco	1.00	EA
3	AD	Adhesive	S1125-KIT-8	Tyco	AR	EA
4	C1	Cable	SPC19942	Multicomp	0.50	EA
5	MS1	HST	RNF100 1/4-YELLOW or Any suitable size	Tyco	0.07	M
6	TS1	HST	RNF100 3/8-TRANSP or Any suitable size	Tyco	0.08	M
7	ZH1	HST	RNF100 3/64-BLACK or Any suitable size	Tyco	0.03	M

KIT RJSMLAC-8EMG-CAPS

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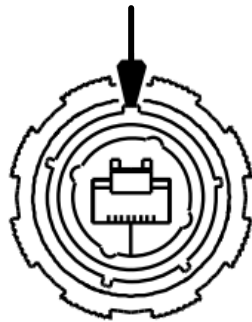
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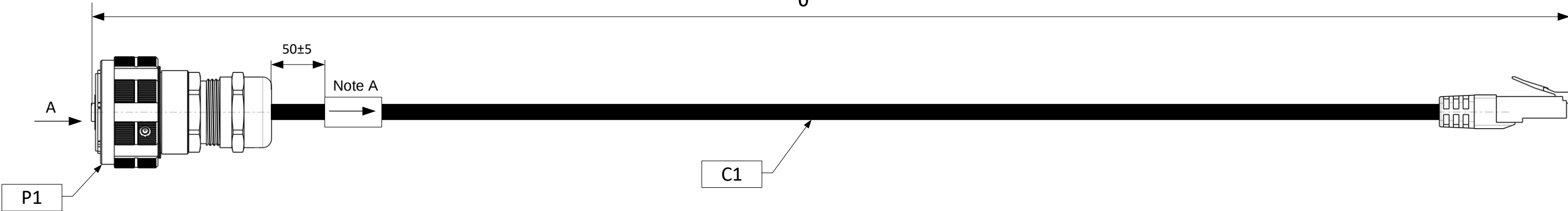
Cable assembly for LAN ports : RJSMLAC-8MG-CBL-ETH-RJ45-2M

Clé master / Master key



Codage A / Coding A
Vue A / View A

2000⁺³⁰₀



Label

MS1

XXXXXXXXXXXXXXXXX
RJSMLAC-8MG-CBL-ETH-RJ45-2M
AAWSS

Référence de l'article
Reference article number

Note A

Année W Semaine
Year W Week

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DRAWN BY :

Prasad M

UPDATED BY :

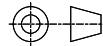
Deepak J

LAST APPROVED BY :

Nikhil W

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KIT RJSMLAC-8EMG-CAPS

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A	Cable assembly for LAN ports : RJSMLAC-8MG-CBL-ETH-RJ45-2M							A																																		
B								B																																		
C	Bill of material							C																																		
D	<table><thead><tr><th>Sr.no.</th><th>Designation</th><th>Component type</th><th>Description</th><th>Manufacturer</th><th>Unit Qty</th><th>UOM</th></tr></thead><tbody><tr><td>1</td><td>C1</td><td>Cable</td><td>RJF SFTP 6A 0200 or any suitable length</td><td>Amphenol</td><td>1.00</td><td>EA</td></tr><tr><td>2</td><td>P1</td><td>Connector</td><td>RJFTV6MG</td><td>Amphenol</td><td>1.00</td><td>EA</td></tr><tr><td>3</td><td>MS1</td><td>Marking Sleeve</td><td>THT-27-427 or any suitable size</td><td>Brady</td><td>1.00</td><td>EA</td></tr></tbody></table>							Sr.no.	Designation	Component type	Description	Manufacturer	Unit Qty	UOM	1	C1	Cable	RJF SFTP 6A 0200 or any suitable length	Amphenol	1.00	EA	2	P1	Connector	RJFTV6MG	Amphenol	1.00	EA	3	MS1	Marking Sleeve	THT-27-427 or any suitable size	Brady	1.00	EA	D						
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