

12

11

10

9

8

7

6

5

4

3

2

1

GENERAL NOTES:
1. GENERAL TOLERANCES:
1.1. DIMENSIONS UP TO 200 +/-5
1.2. DIMENSIONS ABOVE 200 +/-10
1.3. DIMENSIONS ABOVE 1000 +30 / -10
1.4. TOLERANCES FOR LOCATIONS (UNLESS OTHERWISE SPECIFIED)
GROMMETS: +/-10
TAPE: +/-20
CLIPS AND CABLE TIES: +/-6
2. OPTIONAL CONDITIONS, AS LONG AS THE ASSEMBLY CONDITIONS ARE NOT AFFECTED:
2.1. THE TERMINALS CAN HAVE SURFACE TREATMENT.
2.2. OPTIONAL SUPPLIER IDENTIFICATION LABEL IS ALLOWED.
3. WHIRLPOOL TECHNICAL STANDARD APPLICABLE: NTW03298.
4. COMPONENT(S) REFERENCED HEREIN SHALL COMPLY WITH WHIRLPOOL'S CURRENT SPECIFICATIONS, INCLUDING ITS MATERIALS COMPLIANCE SPECIFICATION GES0084-LAR COLUMN.
5. CRIMP VERIFICATION REPORT MUST COMPLY WITH GES0100

SPECIFIC NOTES OF THE PART:
6. THE WIRING HARNESS MUST BE IDENTIFIED BY TAG WITH THE FOLLOWING INFORMATION:
- WHIRLPOOL IDENTIFICATION,
- MANUFACTURER NAME,
- MANUFACTURE DATE,
- WHIRLPOOL CODE.
7. IN ALTERNATIVE TO THE CABLES 70°C/300/500V, IT IS ALLOWED REPLACE BY CABLE WITH INSULATION 105°C/750V.
8. IT'S ALLOWED TO USE SECTION DIRECTLY HIGHER TO THE CABLES.
9. IN ALTERNATIVE TO THE INSULATORS WITH MATERIAL V2, ALLOWED TO USE V0 AS OPTIONAL.
10. THE CABLES MUST BE INSULATION WITH LAYER OF 0.4MM W01,2,3,4,5,6 AND 7 (WIRES WITH EQUAL OR IMMEDIATE HIGHER SECTION CAN BE USED AS AN ALTERNATIVE, FOR ALTERNATIVE WIRES, IT MUST BE APPROVED WITH NTW03298)
11. THE CABLE FOR W08 AND W09 (0.20MM2) (FOR REED SWITCH) MUST BE ISOLATED BY DOUBLE LAYER OF 0.3MM+0.3MM

NOTES ABOUT REED SWITCH:
12. THE REED SWITCH SET MUST BE APPROVED ACCORDING TO STANDARDS NTW 00530 AND T524 CONSIDERING THE LIFE OF 3650 CYCLES.
13. REED SWITCH COMPONENTS:
CAPSULE: W10343283
SUPPLIER: PRODUMASTER, PN: 8216400700 OR 8216400700R
SUPPLIER: CROMEX , PN: 7108005000
SUPPLIER: ZHEJIANG SANHUA , PN: JMK10-1
RESINS:
TO BE DEFINED BY THE HARNESS SUPPLIER
REED SWITCH:
SUPPLIER: METALTEX , PN: ORD324 SOR 0770
SUPPLIER: OKI , PN: ORD324 7/10+/-2AT

14. INTERPRETATION OF SPECIAL CHARACTERISTICS PER WHIRLPOOL SPECIFICATION W10675750.
15. THE STRAIN RELIEF GROMMET INJECTED ON THE CABLE.
16. POWER CORD MUST BE IN CONFORMITY WITH IEC 60884-1, NBR14136 AND CURRENT REGULATIONS.ELECTRICAL CHARACTERISTICS: 10A 250VAC
17. PLUG COLOR BLACK WITHOUT STANDARD

NOTAS GERAIS:
1. TOLERÂNCIAS GERAIS APLICÁVEIS:
1.1. COTAS ATÉ 200 +/-5.
1.2. COTAS ACIMA DE 200 +/-10.
1.3. COTAS ACIMA DE 1000 +30 / -10.
1.4. TOLERÂNCIAS PARA LOCAIS (A MENOS QUE SEJA ESPECIFICADO)
GROMMETS: +/-10
FITAS: +/-20
CLIPS E CABLE TIES: +/- 6
2. CONDIÇÕES OPCIONAIS, DESDE QUE AS CONDIÇÕES DE MONTAGEM NÃO SEJAM PREJUDICADAS:
2.1. OS TERMINAIS PODEM POSSUIR TRATAMENTO SUPERFICIAL.
2.2. PERMITIDO USO DE ETIQUETA DE IDENTIFICAÇÃO OPCIONAL DO FORNECEDOR.
3. NORMA TECNICA WHIRLPOOL APLICÁVEL: NTW 03298
4. COMPONENTE(S) AQUI MENCIONADOS OBEDECERÃO AS ESPECIFICAÇÕES ATUAIS DA WHIRLPOOL, INCLUINDO SUA ESPECIFICAÇÃO DE CONFORMIDADE DE MATERIAIS GES0084 - COLUNA LAR.
5. O RELATÓRIO DE VERIFICAÇÃO CRIMP DEVE CUMPRIR O GES0100

NOTAS ESPECÍFICAS DA PEÇA:
6. A REDE ELÉTRICA DEVE SER IDENTIFICADA COM ETIQUETA, QUE DEVE CONTER AS SEGUINTE INFORMações:
- IDENTIFICAÇÃO WHIRLPOOL,
- NOME DO FORNECEDOR,
- DATA DE FABRICAÇÃO
- CÓDIGO WHIRLPOOL.
7. EM ALTERNATIVA AOS CABOS 70°C/300/500V, PERMITIDO SUBSTITUIR POR CABOS COM ISOLAÇÃO 105°C/750V.
8. PERMITIDO USAR CABOS COM SEÇÃO IMEDIATAMENTE SUPERIOR A SEÇÃO ESPECIFICADA.
9. EM ALTERNATIVA AOS ISOLADORES COM MATERIAL V2, PERMITIDO USO DE MATERIAL V0 COMO OPCIONAL.
10. OS CABOS DEVEM TER UMA CAMADA DE 0,4 MM W01,2,3,4,5,6 E 7 (CABOS IGUAIS OU COM SEÇÃO IMEDIATAMENTE SUPERIOR PODEM SER UTILIZADOS COMO ALTERNATIVA, DEVEM ESTAR APROVADO CONFORME NTW03298)
11. O CABO PARA W08 E W09 (0.20MM2) (PARA REED SWITCH) DEVE SER ISOLADOS POR DUPLA CAMADA 0.3MM+0.3MM

NOTAS SOBRE REED SWITCH:
12. O REED SWITCH DEVE SER APROVADO CONFORME NORMAS NTW 00530 E T524 CONSIDERANDO O TEMPO DE VIDA DE 3650 CICLOS.
13. REED SWITCH COMPONENTS:
CAPSULA: W10343283
FORNECEDOR: PRODUMASTER, PN: 8216400700 OU 8216400700R
FORNECEDOR: CROMEX , PN: 7108005000
FORNECEDOR: ZHEJIANG SANHUA , PN: JMK10-1
RESINAS:
A SER DEFINIDO PELO FORNECEDOR DA REDE
REED SWITCH:
FORNECEDOR: METALTEX , PN: ORD324 SOR 0770
FORNECEDOR: OKI , PN: ORD324 7/10+/-2AT

14. CARACTERÍSTICAS ESPECIAIS CONFORME ESPECIFICACAO WHIRLPOOL W10675750.
15. O GROMMET DE STRAIN RELIEF DEVE SER INJETADO NO CABO.
16. CORDÃO DE ALIMENTAÇÃO DEVE ESTAR EM CONFORMIDADE COM IEC 60884-1, NBR14136 E PORTARIAS VIGENTES. CARACTERÍSTICAS ELÉTRICAS: 10A 250VAC
17. PLUGUE NA COR PRETO SEM EXIGENCIA DE PADRÃO.

ITEM	DESCRIPTION	WHIRLPOOL PART NUMBER	MANUFACTURER	MANUFACTURER PART NUMBER	QTY	UNIT	REMARK
HOUSING TABLE							
1		W10241942	JST	YLR-01VF	1	EACH	
2		--	TYCO ELECTRONICS	2133765-1	2	EACH	ALTERNATE HRB: P12800-2-N
3	WTW CONNECTOR	W10128394	JST	XARP-03V	1	EACH	
4		W11206220	MOLEX	51163-0400	1	EACH	
5		W11209070	MOLEX	51163-0500	1	EACH	
6		--	MOLEX	51163-0600	1	EACH	
7		W11325476	TYCO ELECTRONICS	1-1969789-3	1	EACH	
TERMINAL TABLE							
8	TERMINAL	W10241606	JST	SXA-001T-P0.6	3	EACH	
9	TERMINAL	W11346155	MOLEX	50752-8400	5	EACH	ALTERNATE 50351-8000
10	TERMINAL	W10799985	TYCO	880646-1	4	EACH	
11	TERMINAL	W11259455	MOLEX	50752-8200	3	EACH	ALTERNATE 50709-8000
12	TERMINAL	--	TYCO	1217378-2	2	EACH	
13	TERMINAL	W10241609	JST	SYM-41T-P0.5A	1	EACH	
OTHERS TABLE							
14	FASTENING BELT	--	HELLERMANN / FRONTEC	T18RRWPM	5	EACH	
15	FASTENING BELT	--	HELLERMANN / FRONTEC	T-18R / F7010NYNA100	2	EACH	
16	TAPE	--	--	--	2	EACH	WIDTH 25 MM THICKNESS 0.13±0.015 MM LENGTH 100 MM
17	RETAINER	--	JST	XMS-03V	1	EACH	
18	RETAINER	W11223811	MOLEX	51164-0405	1	EACH	
19	RETAINER	W1123599	MOLEX	51164-0505	1	EACH	
20	RETAINER	--	MOLEX	51164-0605	1	EACH	
21	REED SWITCH	--	--	--	1	EACH	
22	STRAIN RELIEF	W10392432	--	--	1	EACH	ALTERNATE AS PER STRAIN RELIEF DETAILS SEE DETAIL F(E4-3)
23	PLUG	--	--	--	1	EACH	
24	RETAINER	--	JST	YLS-01V	1	EACH	

PIN1

PIN2

PIN3

SCALE 3:1

TO BE USED WITH ITEM 17

PIN2

PIN1

PIN3

PIN4

SCALE 3:1

TO BE USED WITH ITEM 18

PIN1

PIN2

SCALE 3:1

PIN1

PIN2

SCALE 3:1

PIN3

PIN2

PIN1

PIN4

PIN5

SCALE 3:1

TO BE USED WITH ITEM 19

PIN 3

PIN 2

PIN 1

PIN 4

PIN 5

PIN 6

SCALE 3:1

TO BE USED WITH ITEM 20

PIN NUMBER

WIRE NUMBER

WIRE COLOR

1

W-05

WHITE

2

W-07

RED

3

W-06

BLUE

PIN NUMBER

WIRE NUMBER

WIRE COLOR

1

W-08

BLUE

2

W-09

BLUE

3

W-04

BLUE

4

PIN NUMBER

WIRE NUMBER

WIRE COLOR

1

W-01

WHITE

2

W-02

BLUE

2

W-04

BLUE

PIN NUMBER

WIRE NUMBER

WIRE COLOR

1

W-03

YELLOW

2

W-04

BLUE

PIN NUMBER

WIRE NUMBER

WIRE COLOR

1

W-05

WHITE

2

3

W-06

BLUE

4

W-07

RED

5

PIN NUMBER

WIRE NUMBER

WIRE COLOR

1

W-02

BLUE

2

3

W-01

WHITE

4

5

W-03

YELLOW

6

REV

DESCRIPTION OF CHANGE

LOC

BY

C.N.

DATE

A

RELEASE W11341221

A3-1

CHILVN1

2188217

19-FEB-2019

B

RELEASE W11327677 AND W11327678

A4-1

W11341221 TO REV B

A3-1

W11327677 AND W11327678 TO REV B

A4-1

UPDATEDED NOTE 4: GES0084-LAR COLUMN WAS GES0084-GLOBAL COLUMN

G11-1

UPDATED BOM TABLE: ADDED REMARK

H4-1

ITEM 9: REMARK COLUMN, ADDED ALTERNATE 50709-8000

G4-1

CHILVN1

2197607

29-MAR-2019

ITEM 11: REMARK COLUMN, ADDED ALTERNATE 50351-8000

F5-1

ITEM 14: QUANTITY, 4 WAS 3

F9-1

REMOVED ITEM 16

G4-2

UPDATED LOCAL NOTE: ITEM 14 WAS ITEM 16

G5-2

UPDATED LOCAL NOTE: ITEM 22 WAS ITEM 21

H5-2

UPDATED LOCAL NOTE: ITEM 23 WAS ITEM 22

C8-3

UPDATED LOCAL NOTE: ITEM 24 WAS ITEM 23

A3-1

W11341221 TO REV C

A4-1

W11327677 & W11327678 TO REV C

E7-1

CHILVN1

2201693

27-MAY-2019

UPDATED BOM TABLE: ITEM 22: ADDED W10392432

E4-1

ADDED REMARK: ALTERNATE AS PER STRAIN RELIEF DETAILS SEE DETAIL F(E4-3)

G11-1

UPDATED NOTE 7: 70°/300/500V WAS 70°/750V

E4-3

ADDED W10392432

A3-1

W11341221 TO REV D

A4-1

W11327677 & W11327678 TO REV D

F10-1

NAVALRP

2207480

10-JUN-2019

NOTE 10: AND WAS E

G4-1

ITEM 9: REMARKS, ALTERNATE 50351-8000 WAS ALTERNATE 50709-8000

A3-1

ITEM 11: REMARKS, ALTERNATE 50709-8000 WAS ALTERNATE 50351-8000

A4-1

W11341221 TO REV E

G11-1

W11327677 & W11327678 TO REV E

E12-1

NOTE 4: REMOVED "WHIRLPOOL"

F9-1

NOTE 14: ADDED "INTERPRETATION OF"

F5-1

ADDED ITEM 16

F5-1

ITEM 14: QUANTITY, 5 WAS 4

D8-2

ITEM 15: QUANTITY, 2 WAS 4

D5-2

FT TABLE: PIN NUMBER WAS CIRCUIT NUMBER

C10-2

W-01 & W-02: WIRE LENGTH (REFERENCE), 290 WAS 305

E10-2

W-03: WIRE LENGTH (REFERENCE), 340 WAS 350

B10-2

W-05: WIRE LENGTH (REFERENCE), 300 WAS 315

E8-2

W-06 & W-07: WIRE LENGTH (REFERENCE), 300 WAS 315

E7-2

W-10 & W-11: WIRE LENGTH (REFERENCE), 1220 WAS 1170

E10-2

W-12: WIRE LENGTH (REFERENCE), 1130 WAS 1170

E8-2

640 WAS 630

E6-2

465 WAS 455

E6-2

295 WAS 285

E4-2

REMOVED 185

E6-2

ADDED 205

E5-2

ADDED 190

E6-2

ADDED 155

E4-2

REMOVED 50

E5-2

ADDED 35

E6-2

95 WAS 100

F6-2

45 WAS 80

F6-2

50 WAS 35

F6-2

35 WAS 45

G3-2

35 WAS 50

G2-2

70 WAS 80

E11-2

190 WAS 200

E6-2

805 WAS 810

G6-2

REMOVED CALLOUT NOTE: ITEM 15

E6-2

ADDED CALLOUT NOTE: ITEM 16

G6-2

ADDED CALLOUT NOTE: ITEM 14

F4-2

CALLOUT NOTE: ITEM 16 WAS ITEM 15

SHT-2

UPDATED LAYOUT

F6-2

UPDATED POWER CORD BRANCHOUT

F6-2

THIS DRAWING IS THE PROPERTY OF WHIRLPOOL CORP. IT CONTAINS CONFIDENTIAL INFORMATION BELONGING TO AND/OR ENTRUSTED TO WHIRLPOOL. IT IS DISCLOSED IN CONFIDENCE AND SHALL NOT BE HELD, REPRODUCED, DISCLOSED OR USED EXCEPT IN A MANNER AND FOR A PURPOSE EXPRESSLY PERMITTED BY WHIRLPOOL IN WRITING.
VENDORS SHALL NOT REVISE ANY PHYSICAL, DIMENSIONAL, OR PERFORMANCE CHARACTERISTICS UNLESS AUTHORIZED IN WRITING BY WHIRLPOOL ENGINEERING GROUP.
WHIRLPOOL TEST SPECIFICATIONS, IF ANY, ARE NOT INTENDED TO ASSUME ANY RESPONSIBILITY FOR SUBSEQUENT PROBLEMS WITH OR CAUSED BY THE PART, COMPONENT, OR ASSEMBLY PROVIDED BY THE SUPPLIER, AND DO NOT RELIEVE THE SUPPLIER OF ITS OBLIGATIONS INCLUDING, BUT NOT LIMITED TO, THE NEED TO PERFORM ITS OWN TESTING, INSPECTION AND ONGOING QUALITY CONTROL, AND ASSURING FITNESS FOR USE. ANY WHIRLPOOL RECOMMENDED TEST AND ITS OUTCOME DO NOT IN ANYWAY LIMIT OR CHANGE THE WARRANTY CONTAINED IN WHIRLPOOL'S PURCHASE ORDER OR SUPPLY AGREEMENT.

METRIC DIMENSIONS IN MM

THIRD ANGLE PROJECTION

DEFAULT SCALE 1:1

DO NOT SCALE PRINT

DESCRIPTION (ENGLISH)

DESCRIPTION (LOCAL)

DRAWING SIZE A1

SHEET 1 OF 3

DRAWING NUMBER W11341221

DRAWING REV E

11-DEC-2018

DRAWN BY GIRASNR

UPPER UI HARNESS 24"

REDE ELETRICA SUPERIOR 24"

W11327678

E

8002326

W11341221

E

W11327677

E

1002512

PART NO.

REV

SAP CODE

CAD DATABASE PART NO

REV

23-Oct-2019 16:12:00 EDT

RELEASED

11

10

9

8

7

6

5

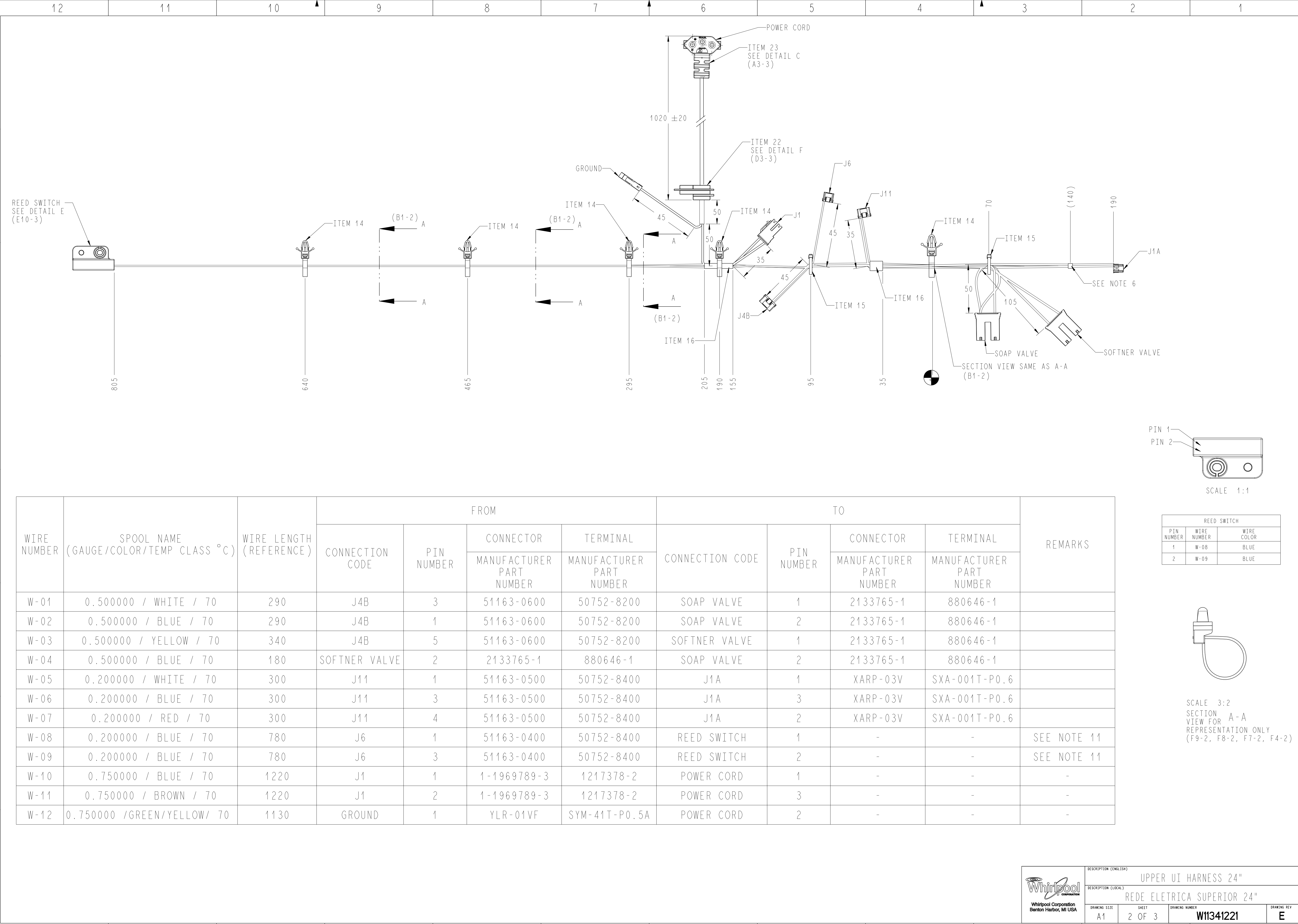
4

3

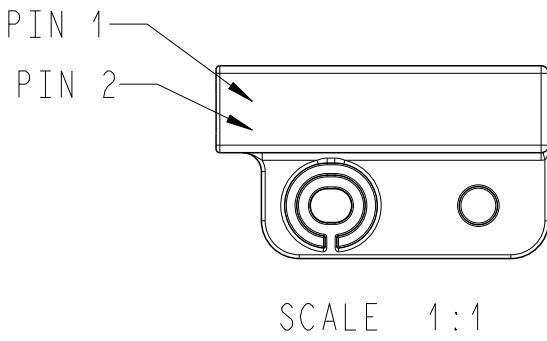
2

1

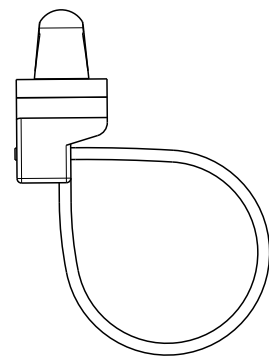
In some European factories the letter "W" of the part code mentioned herein will be automatically replaced by the number "4000" (e.g. "W12345678" becomes "400012345678")




WIRE NUMBER	SPOOL NAME (GAUGE/COLOR/TEMP CLASS °C)	WIRE LENGTH (REFERENCE)	FROM				TO				REMARKS
			CONNECTION CODE	PIN NUMBER	CONNECTOR	TERMINAL	CONNECTION CODE	PIN NUMBER	CONNECTOR	TERMINAL	
					MANUFACTURER PART NUMBER	MANUFACTURER PART NUMBER			MANUFACTURER PART NUMBER	MANUFACTURER PART NUMBER	
W-01	0.500000 / WHITE / 70	290	J4B	3	51163-0600	50752-8200	SOAP VALVE	1	2133765-1	880646-1	
W-02	0.500000 / BLUE / 70	290	J4B	1	51163-0600	50752-8200	SOAP VALVE	2	2133765-1	880646-1	
W-03	0.500000 / YELLOW / 70	340	J4B	5	51163-0600	50752-8200	SOFTNER VALVE	1	2133765-1	880646-1	
W-04	0.500000 / BLUE / 70	180	SOFTNER VALVE	2	2133765-1	880646-1	SOAP VALVE	2	2133765-1	880646-1	
W-05	0.200000 / WHITE / 70	300	J11	1	51163-0500	50752-8400	J1A	1	XARP-03V	SXA-001T-P0.6	
W-06	0.200000 / BLUE / 70	300	J11	3	51163-0500	50752-8400	J1A	3	XARP-03V	SXA-001T-P0.6	
W-07	0.200000 / RED / 70	300	J11	4	51163-0500	50752-8400	J1A	2	XARP-03V	SXA-001T-P0.6	
W-08	0.200000 / BLUE / 70	780	J6	1	51163-0400	50752-8400	REED SWITCH	1	-	-	SEE NOTE 11
W-09	0.200000 / BLUE / 70	780	J6	3	51163-0400	50752-8400	REED SWITCH	2	-	-	SEE NOTE 11
W-10	0.750000 / BLUE / 70	1220	J1	1	1-1969789-3	1217378-2	POWER CORD	1	-	-	-
W-11	0.750000 / BROWN / 70	1220	J1	2	1-1969789-3	1217378-2	POWER CORD	3	-	-	-
W-12	0.750000 /GREEN/YELLOW/ 70	1130	GROUND	1	YLR-01VF	SYM-41T-P0.5A	POWER CORD	2	-	-	-



REED SWITCH		
PIN NUMBER	WIRE NUMBER	WIRE COLOR
1	W-08	BLUE
2	W-09	BLUE



SCALE 3:2
SECTION
VIEW FOR A-A
REPRESENTATION ONLY
(F9-2, F8-2, F7-2, F4-2)



DESCRIPTION (ENGLISH)

UPPER UI HARNESS 24"

DESCRIPTION (LOCAL)

REDE ELETTRICA SUPERIOR 24"

DRAWING SIZE

A1

SHEET

2 OF 3

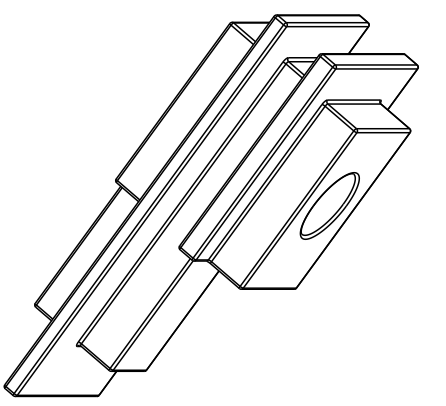
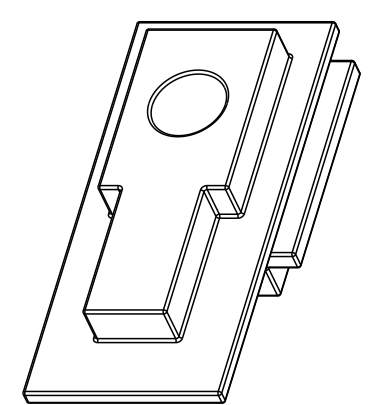
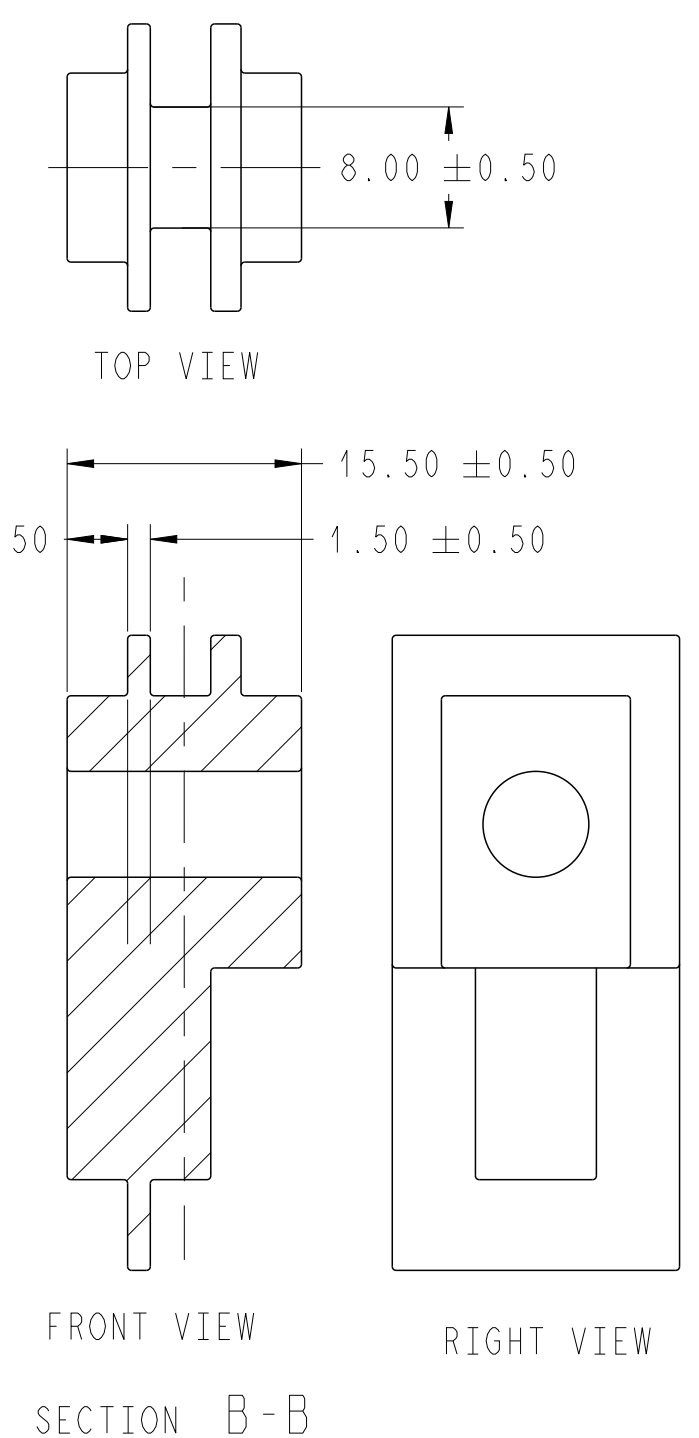
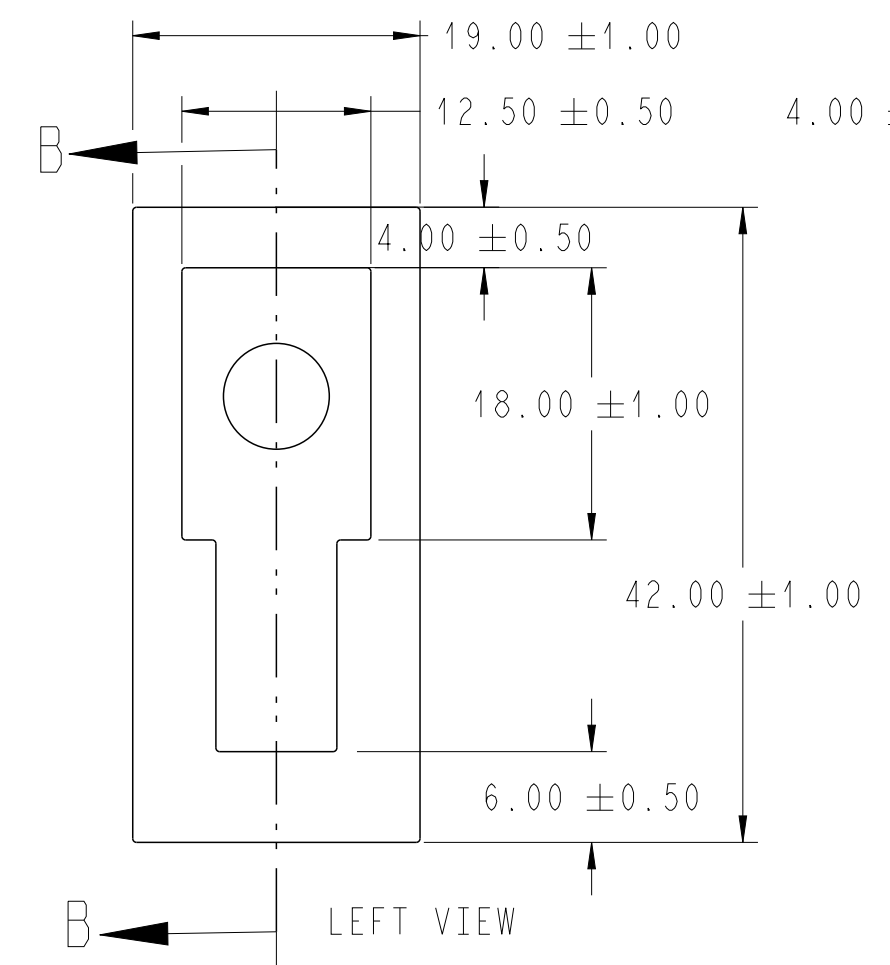
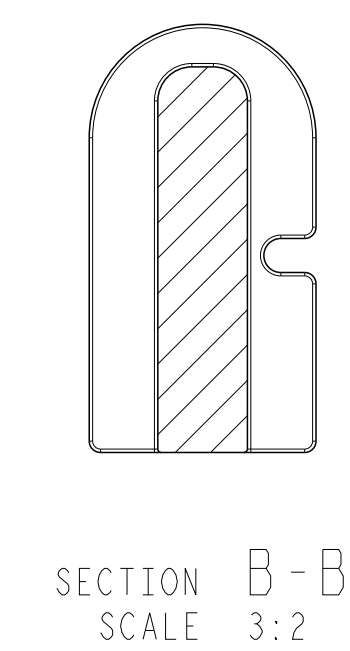
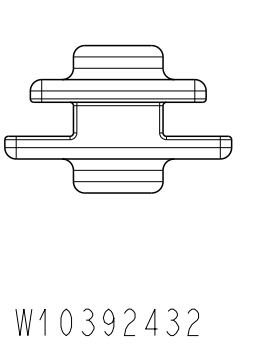
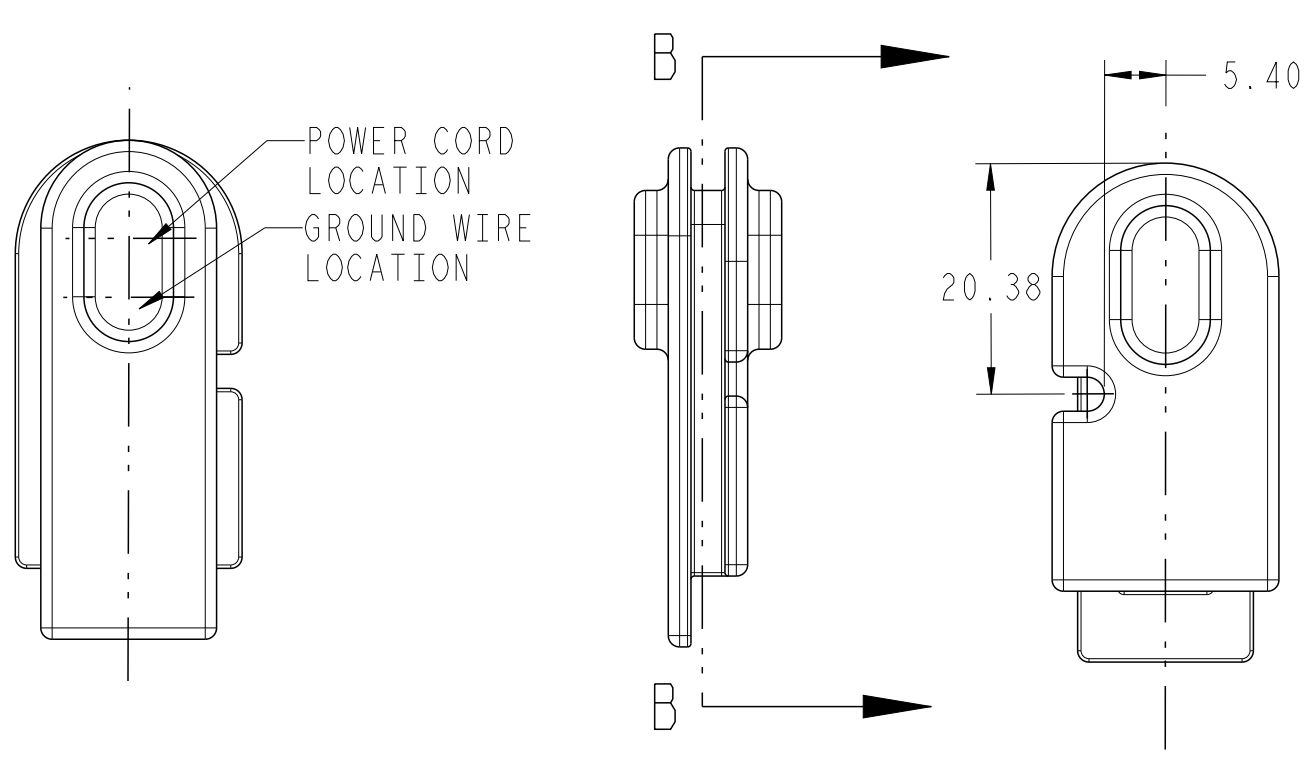
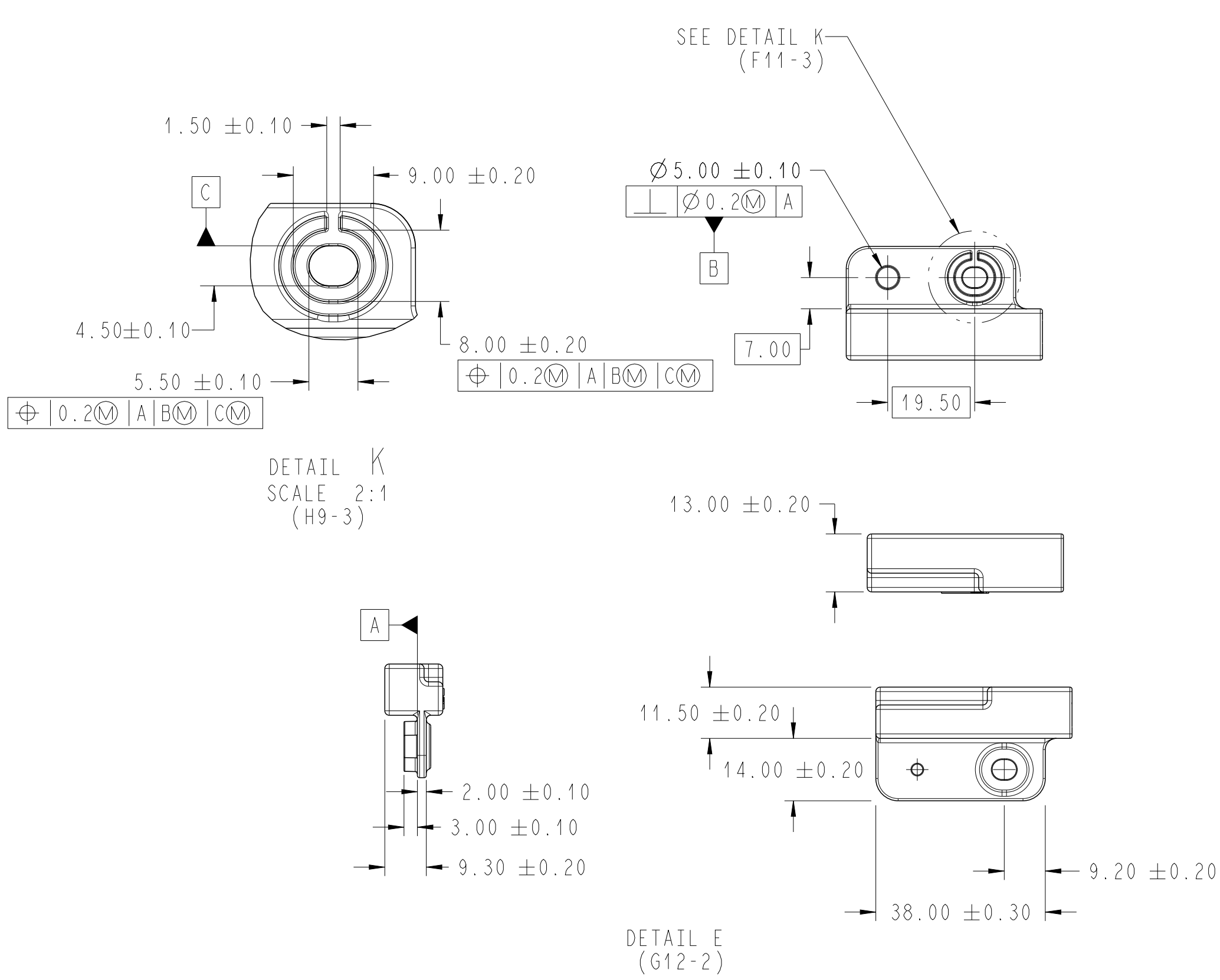
DRAWING NUMBER

W11341221

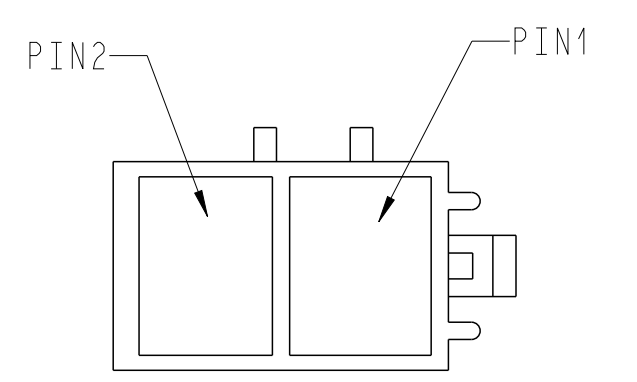
DRAWING REV

E

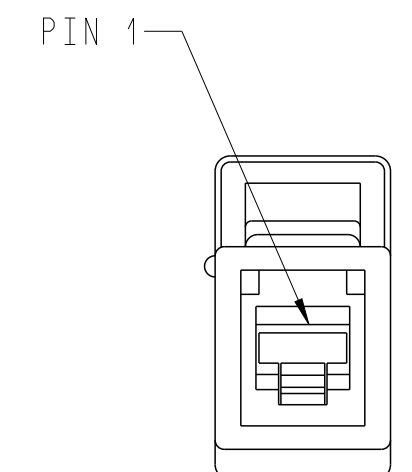
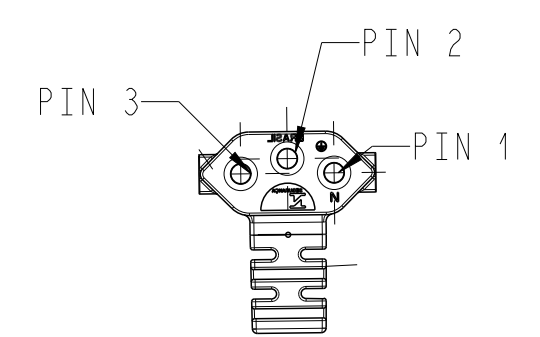
In some European factories the letter "W" of the part code mentioned herein will be automatically replaced by the number "4000" (e.g. "W12345678" becomes "400012345678")



DETAIL F (G6-2)



SCALE 3:1

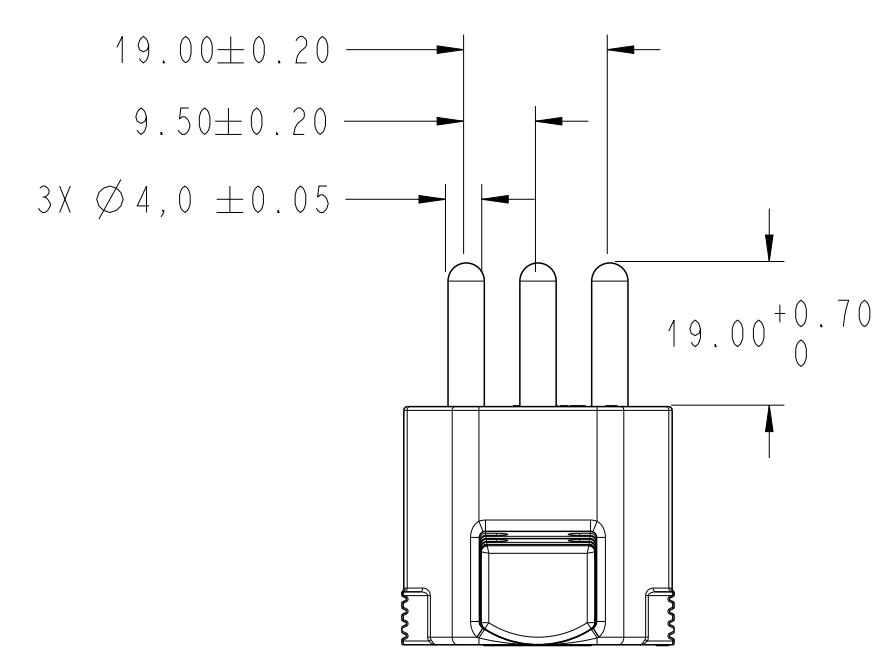
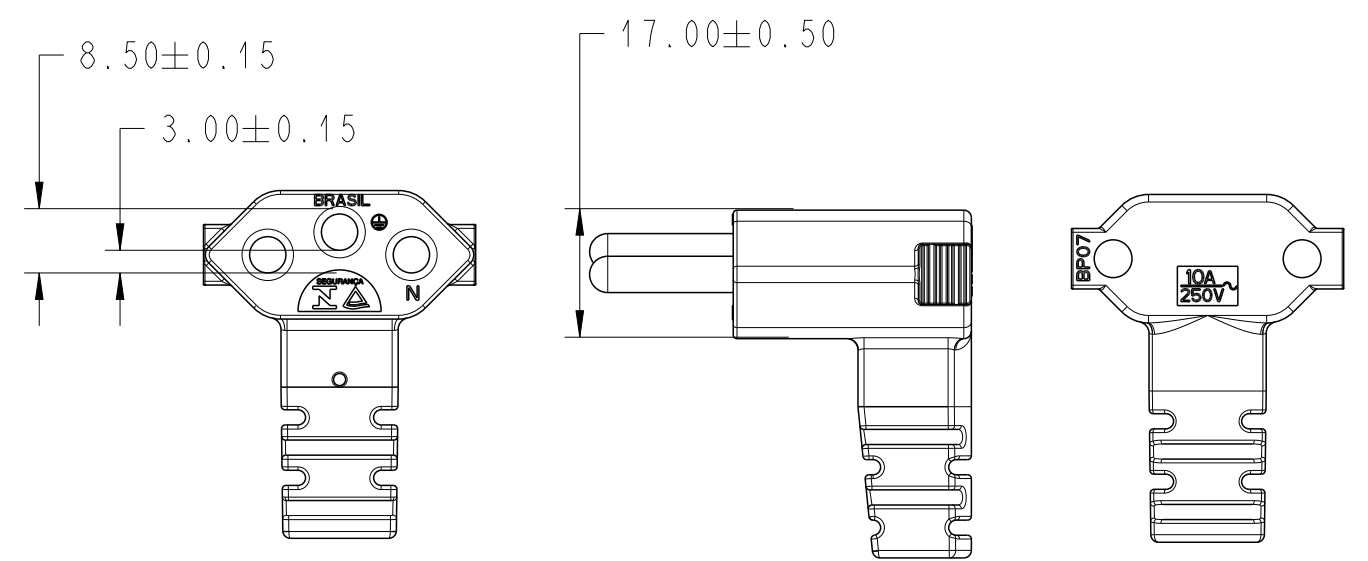


TO BE USED WITH ITEM 24


J1		
PIN NUMBER	WIRE NUMBER	WIRE COLOR
1	W-10	BLUE
2	W-11	BROWN

POWER CORD		
CIRCUIT NUMBER	WIRE NUMBER	COLOR CODE
1	W-10	BLUE
2	W-12	GREEN/YELLOW
3	W-11	BROWN

GROUND		
PIN NUMBER	WIRE NUMBER	WIRE COLOR
1	W-12	GREEN/YELLOW



DETAIL C (H6-2)



Whirlpool Corporation
Benton Harbor, MI USA

DESCRIPTION (ENGLISH) UPPER UI HARNESS 24"		DESCRIPTION (LOCAL) REDE ELETRICA SUPERIOR 24"	
DRAWING SIZE A1	SHEET 3 OF 3	DRAWING NUMBER W11341221	DRAWING REV E

In some European factories the letter "W" of the part code mentioned herein will be automatically replaced by the number "4000" (e.g. "W12345678" becomes "400012345678")