

Format Rev: B
EN 793331

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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/300/500V.
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,W02,W03,W04,W05,W06,W07) (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, IEC 60227 AND CURRENT REGULATIONS. ELECTRICAL CHARACTERISTICS: 16A 250VAC
17. PLUG COLOR GRAY WITHOUT STANDARD (PLUG SHUKO)
18. PLUG COLOR BLACK WITHOUT STANDARD(TYPE B PLUG), PLUG IN CONFORMITY WITH NEMA 5-15-P.

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 TÉCNICA 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/300/500V.
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 CAMADA DEVEM TER UMA CAMADA DE 0,4 MM(W01,W02,W03,W04,W05,W06,W07) (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) DEVEM SER ISOLADOS POR DUPLA CAMADA 0.3MM+0.3MM

NOTAS SOBRE REED SWITCH:
12. O REED SWITCH PRECISAR 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 ESPECIFICAÇÃO WHIRLPOOL W10675750.
15. O GROMMET DE STRAIN RELIEF DEVE SER INJETADO NO CABO.
16. CORDÃO DE ALIMENTAÇÃO DEVE ESTAR EM CONFORMIDADE COM IEC 60884, IEC 60227 E PORTARIAS VIGENTES. CARACTERÍSTICAS ELÉTRICAS: 16A 250VAC
17. PLUGUE NA COR CINZA SEM EXIGÊNCIA DE PADRÃO. (PLUGUE SHUKO)
18. PLUGUE NA COR PRETA SEM EXIGÊNCIA DE PADRÃO(PLUGUE TIPO B), PLUGUE CONFORME NEMA 5-15-P.

ITEMDESCRIPTIONWHIRLPOOL PART NUMBERMANUFACTURERMANUFACTURER PART NUMBERQTYUNIT

HOUSING TABLE

1W10241942JSTYLR-01VF1EACH

2N.A.TYCO ELECTRONICS2133765-12EACHALTERNATE HRB: P12800-2-N

3W10128394JSTXARP-03V1EACH

4W11206220MOLEX51163-04001EACH

5W11209070MOLEX51163-05001EACH

6--MOLEX51163-06001EACH

7W11325476TYCO ELECTRONICS1-1969789-31EACH

TERMINAL TABLE

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9TERMINALW10241606JSTSYA-001T-P0.63EACH

10TERMINALW11346155MOLEX50752-84005EACHALTERNATE:50351-8000

11TERMINAL--TYCO880646-14EACH

12TERMINALW11259455MOLEX50752-82003EACHALTERNATE:50709-8000

13TERMINAL--TYCO1217378-22EACH

14TERMINALW10241609JSTSYM-41T-P0.5A1EACH

OTHERS TABLE

15FASTENING BELT--HELLERMANN / FRONTECT18RRWPM6EACH

16FASTENING BELT--HELLERMANN / FRONTECT-18R / F7010NYNA1002EACH

17RETAINER--JSTXMS-03V1EACH

18RETAINERW11223811MOLEX51164-04051EACH

19RETAINERW11223599MOLEX51164-05051EACH

20RETAINER--MOLEX51164-06051EACH

21REED SWITCH----1EACH

22STRAIN RELIEF----1EACH

23PLUG----1EACH

24RETAINER--JSTYLS-01V1EACH

25TAPE--BLACK TAPE1EACH19X40 MM

26TAPE--BLACK TYPE1EACH19X240 MM

27LABEL----1EACHYELLOW LABEL-42,5X160MM

REVDESCRIPTION OF CHANGELOCBYC.N.DATE

ARELEASED W11436186, W11436187 AND W11436188A3-1CORREAE224010616-MAR-2020

BW11436188, W11436186 AND W11436187 TO REV B A3-1CORREAE226214919-AUG-2020

CW11436188, W11436186 AND W11436187 TO REV C A4-1CORREAE226601221-SEP-2020

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
DEFAULT SCALE
DO NOT SCALE PRINT

THIRD ANGLE PROJECTION

CREATION DATE
16-MAR-20
DRAWN BY
CORREAE

DESCRIPTION (ENGLISH)
UPPER HARNESS

DESCRIPTION (LOCAL)
REDE ELETRICA SUPERIOR

DRAWING SIZE
A1

SHEET
1 OF 4

DRAWING NUMBER
W11436188

DRAWING REV
C

W11493492A1002512

W11436187C1002326

W11436186C1002512

PART NOREV

CAD DATABASE PART NOREV

SAP CODE

25-Sep-2020 13:20:47 EDT

RELEASED

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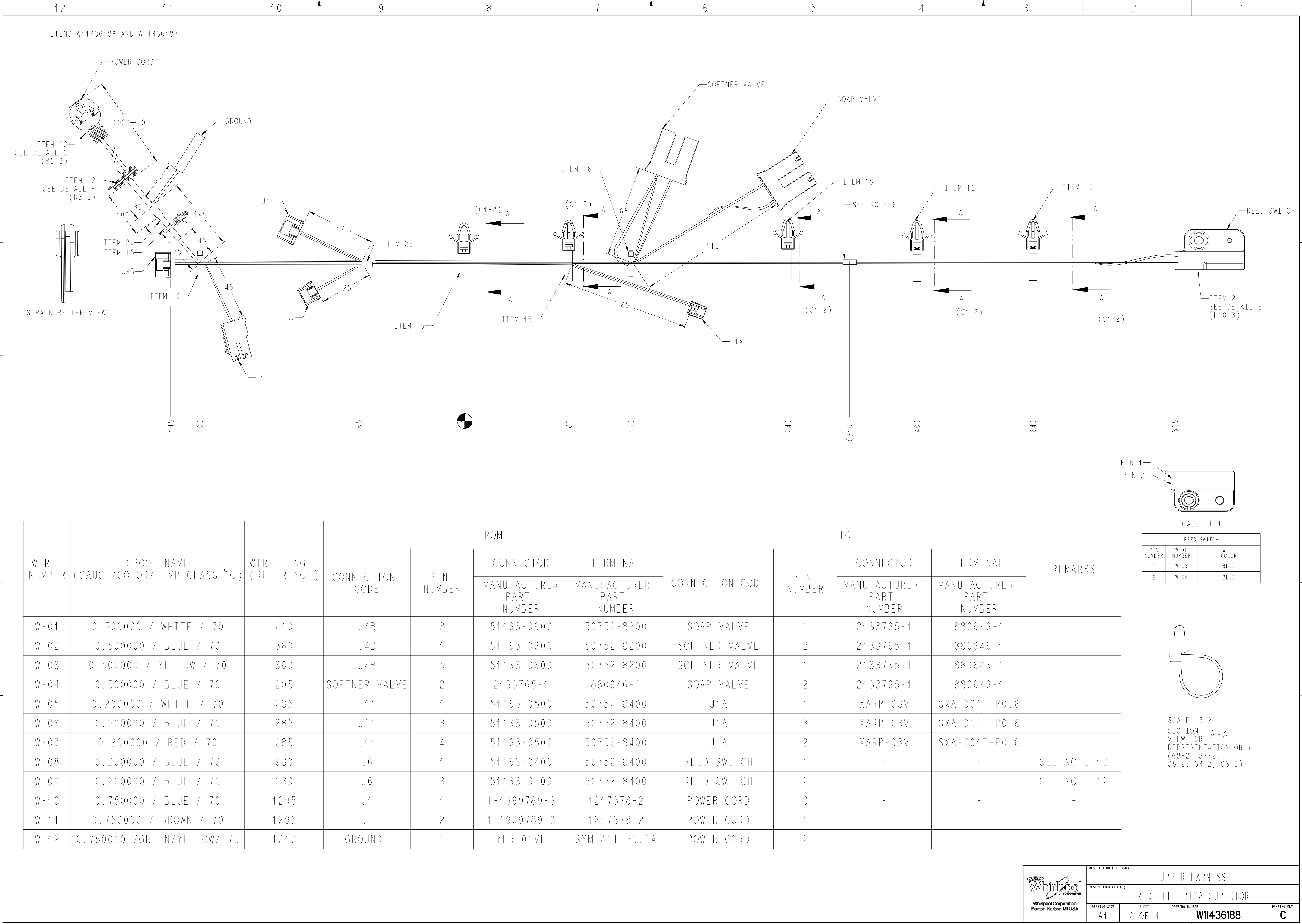
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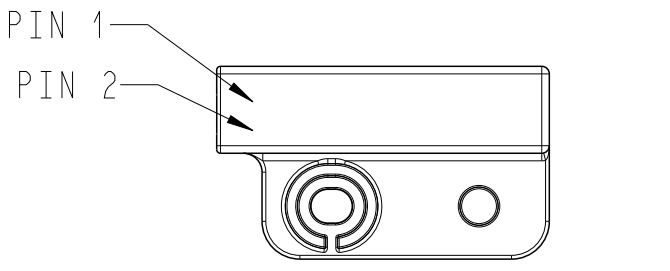
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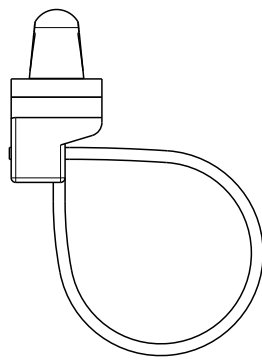


WIRE NUMBER	SPOOL NAME (GAUGE/COLOR/TEMP CLASS °C)	WIRE LENGTH (REFERENCE)	FROM				TO				REMARKS
			CONNECTION CODE	PIN NUMBER	CONNECTOR	TERMINAL	CONNECTION CODE	PIN NUMBER	CONNECTOR	TERMINAL	
					MANUFACTURER PART NUMBER	MANUFACTURER PART NUMBER			MANUFACTURER PART NUMBER	MANUFACTURER PART NUMBER	
W-01	0.500000 / WHITE / 70	410	J4B	3	51163-0600	50752-8200	SOAP VALVE	1	2133765-1	880646-1	
W-02	0.500000 / BLUE / 70	360	J4B	1	51163-0600	50752-8200	SOFTNER VALVE	2	2133765-1	880646-1	
W-03	0.500000 / YELLOW / 70	360	J4B	5	51163-0600	50752-8200	SOFTNER VALVE	1	2133765-1	880646-1	
W-04	0.500000 / BLUE / 70	205	SOFTNER VALVE	2	2133765-1	880646-1	SOAP VALVE	2	2133765-1	880646-1	
W-05	0.200000 / WHITE / 70	285	J11	1	51163-0500	50752-8400	J1A	1	XARP-03V	SXA-001T-P0.6	
W-06	0.200000 / BLUE / 70	285	J11	3	51163-0500	50752-8400	J1A	3	XARP-03V	SXA-001T-P0.6	
W-07	0.200000 / RED / 70	285	J11	4	51163-0500	50752-8400	J1A	2	XARP-03V	SXA-001T-P0.6	
W-08	0.200000 / BLUE / 70	930	J6	1	51163-0400	50752-8400	REED SWITCH	1	-	-	SEE NOTE 12
W-09	0.200000 / BLUE / 70	930	J6	3	51163-0400	50752-8400	REED SWITCH	2	-	-	SEE NOTE 12
W-10	0.750000 / BLUE / 70	1295	J1	1	1-1969789-3	1217378-2	POWER CORD	3	-	-	-
W-11	0.750000 / BROWN / 70	1295	J1	2	1-1969789-3	1217378-2	POWER CORD	1	-	-	-
W-12	0.750000 /GREEN/YELLOW/ 70	1210	GROUND	1	YLR-01VF	SYM-41T-P0.5A	POWER CORD	2	-	-	-




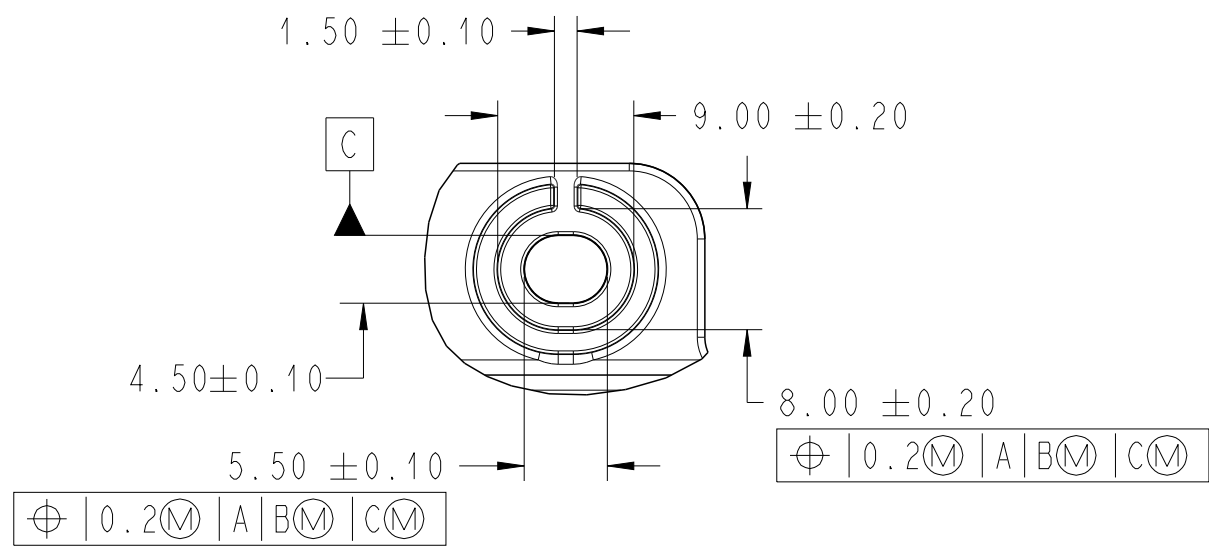
SCALE 1:1

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

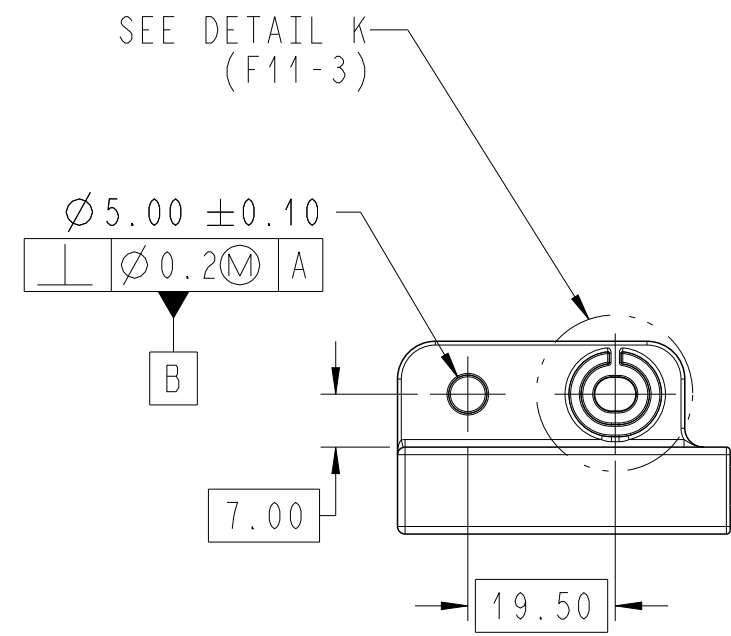


SCALE 3:2
SECTION
VIEW FOR A-A
REPRESENTATION ONLY
(G8-2, G7-2,
G5-2, G4-2, G3-2)

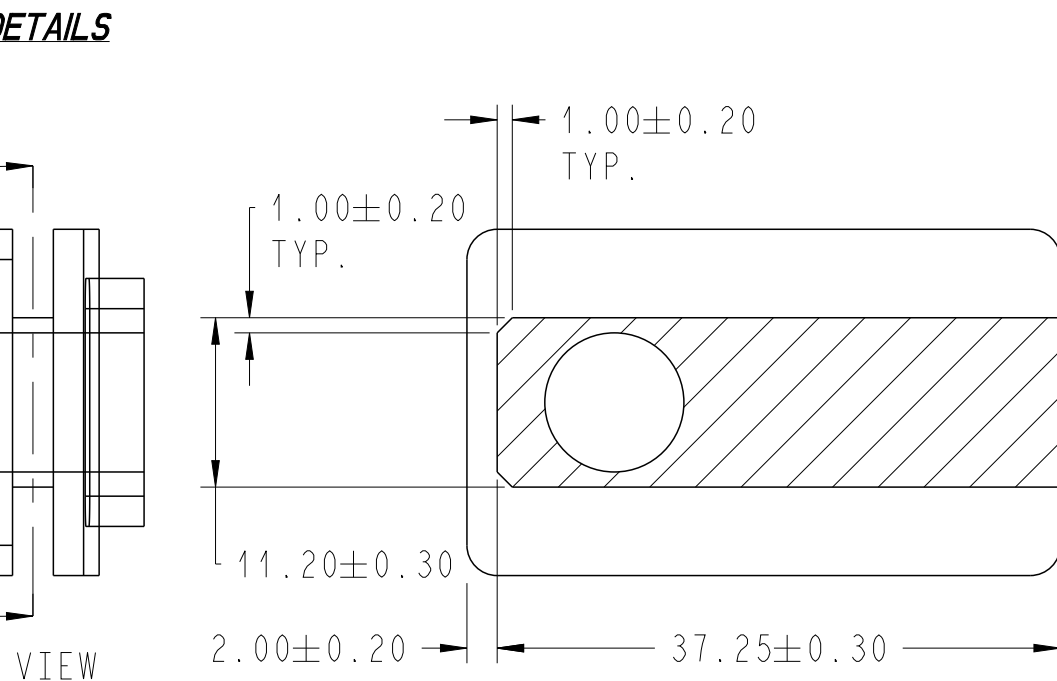
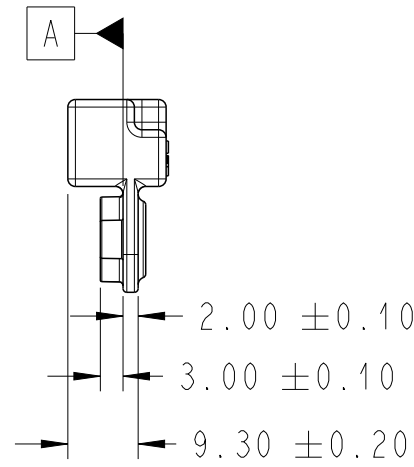
 Whirlpool Corporation Benton Harbor, MI USA	DESCRIPTION (ENGLISH) UPPER HARNESS			
	DESCRIPTION (LOCAL) REDE ELETRICA SUPERIOR			
	DRAWING SIZE A1	SHEET 2 OF 4	DRAWING NUMBER W11436188	DRAWING REV C
	In some European factories the letter "W" of the part code mentioned herein will be automatically replaced by the number "4000" (e.g. "W12345678" becomes "400012345678")			



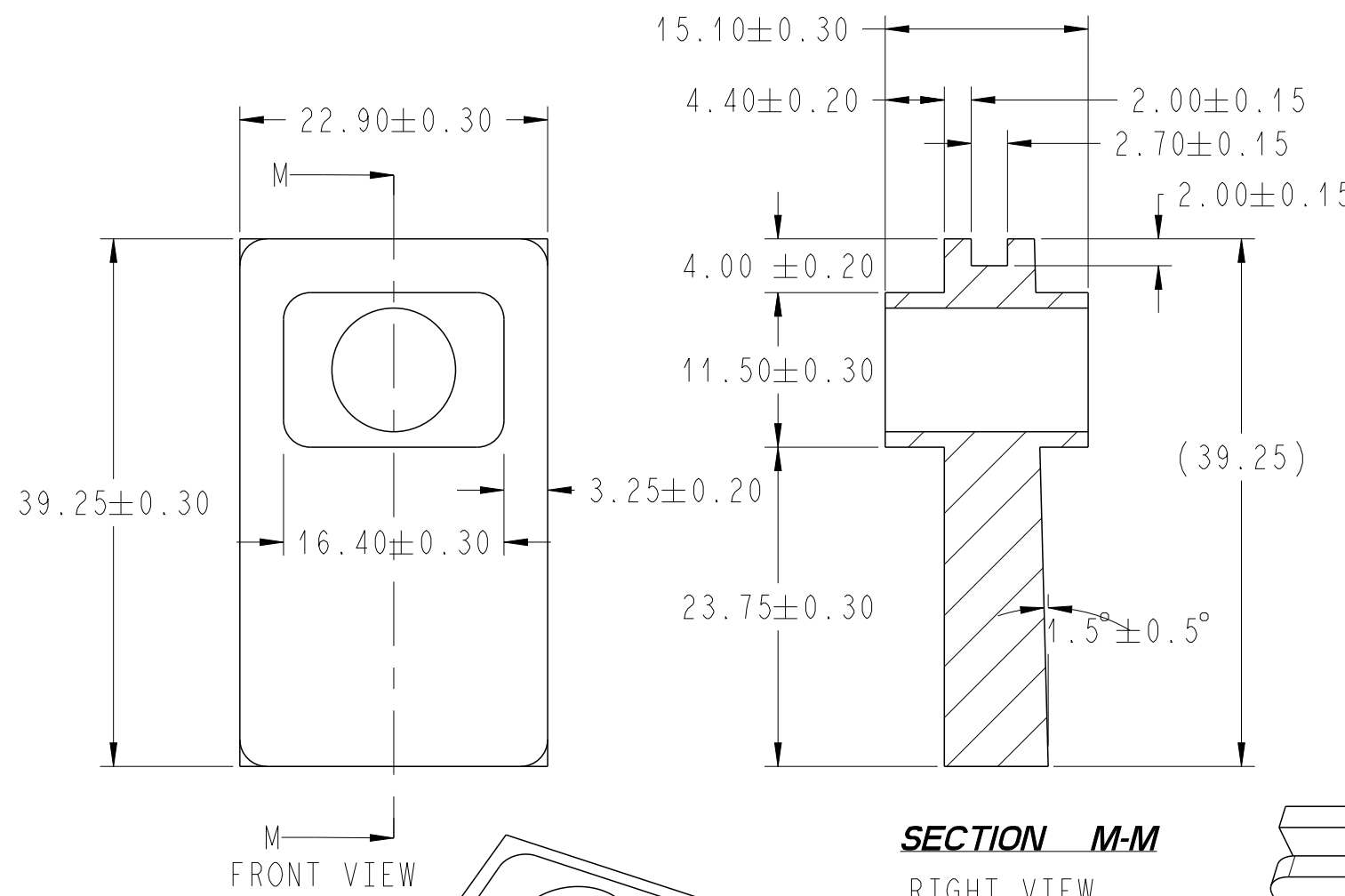
DETAIL K
SCALE 2:1
(H9-3)



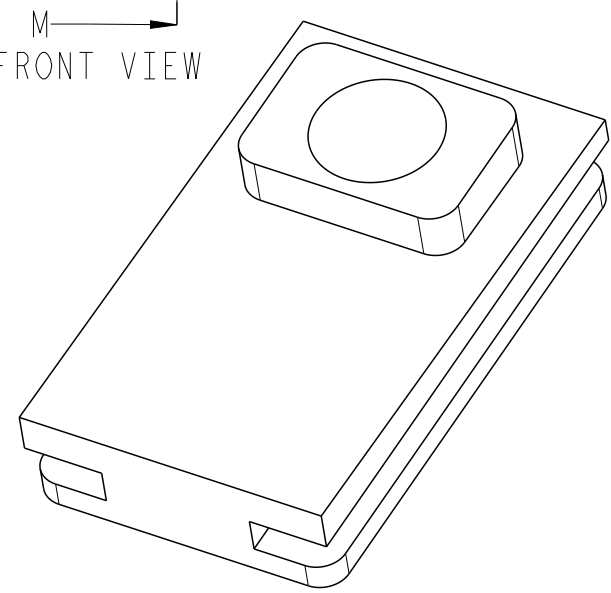
DETAIL E
(F1-2)



SECTION B-B
RIGHT VIEW

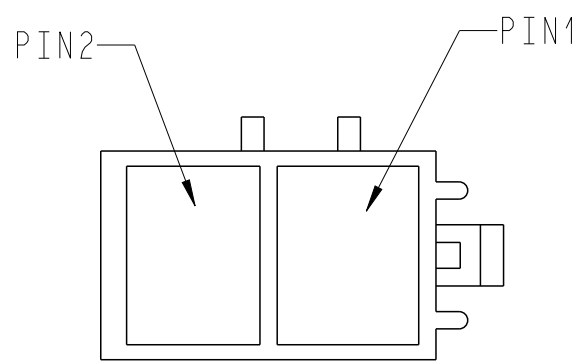


SECTION M-M
RIGHT VIEW



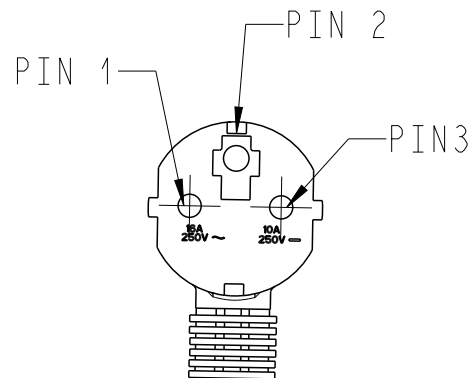
ISOMETRIC VIEW

DETAIL F
(G11-2)

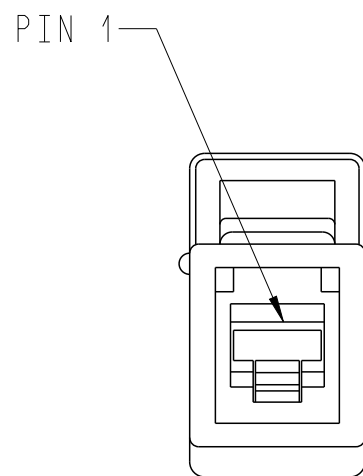


SCALE 3:1

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

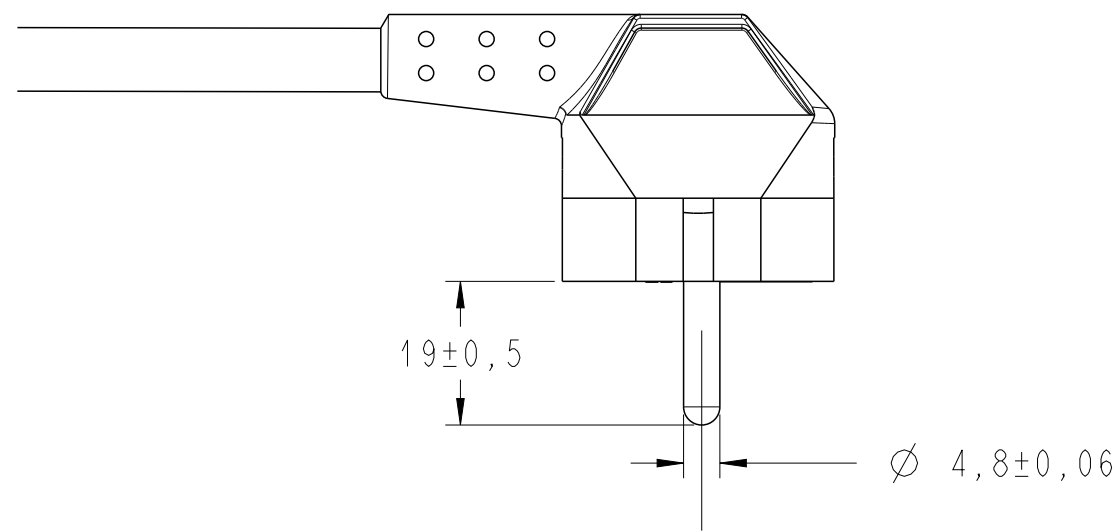


POWER CORD		
CIRCUIT NUMBER	WIRE NUMBER	WIRE COLOR
3	W-10	BLUE
2	W-12	GREEN/YELLOW
1	W-11	BROWN

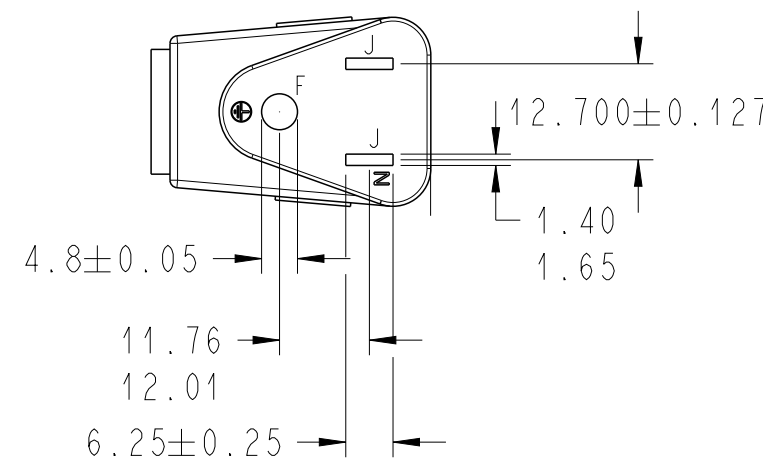


TO BE USED WITH ITEM 24

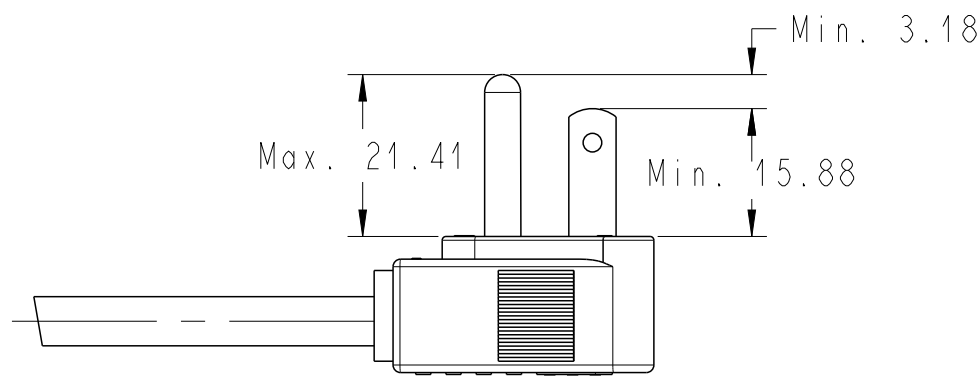
GROUND		
PIN NUMBER	WIRE NUMBER	WIRE COLOR
1	W-12	GREEN/YELLOW




DETAIL C
(H12-2)

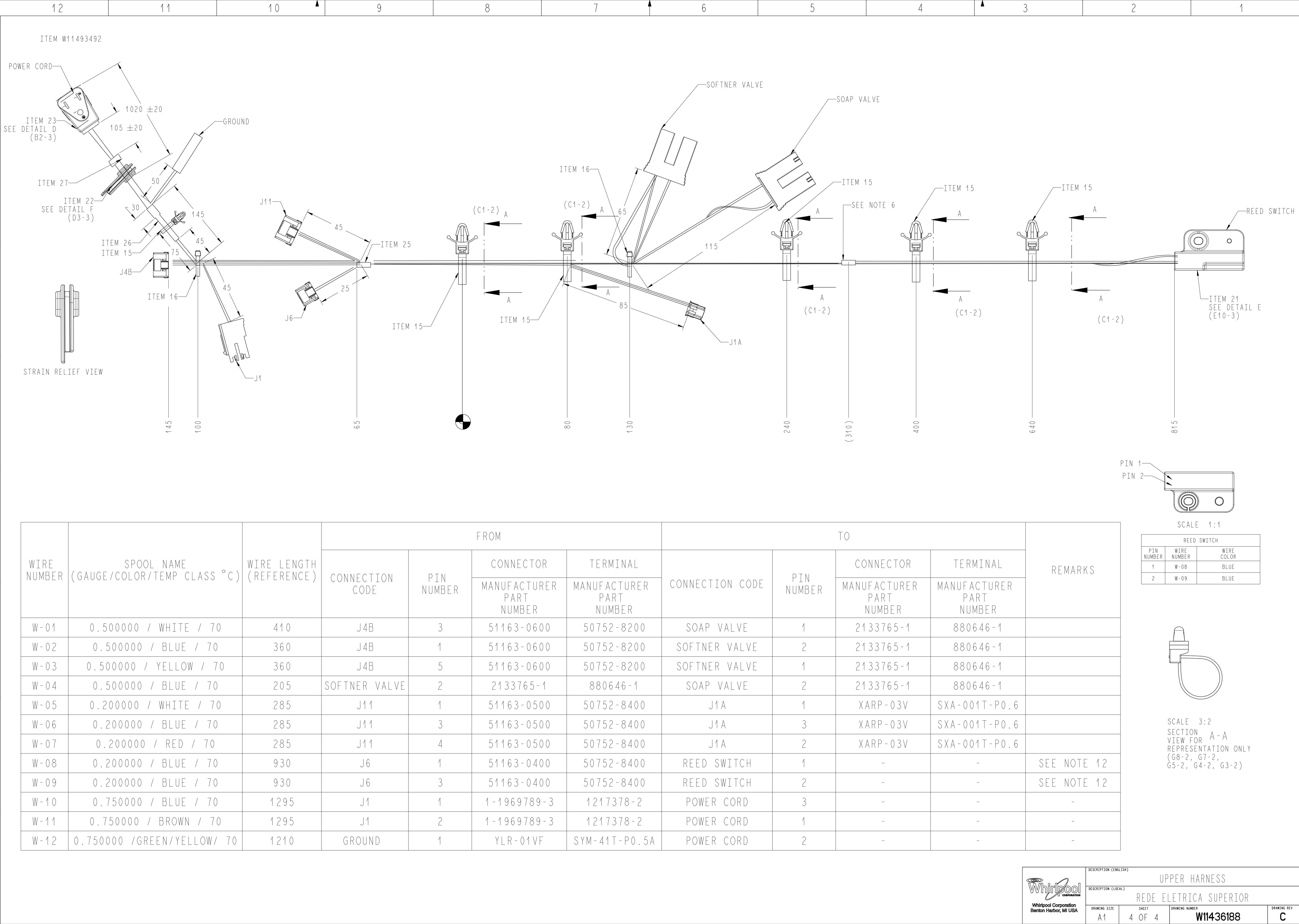


DETAIL D
(H12-4)

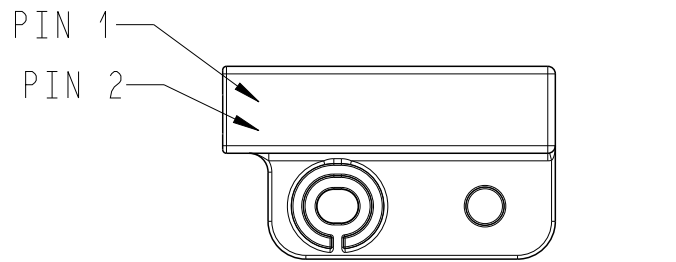


 Whirlpool Corporation Benton Harbor, MI USA	DESCRIPTION (ENGLISH)		UPPER HARNESS	
	DESCRIPTION (LOCAL)		REDE ELETRICA SUPERIOR	
	DRAWING SIZE	SHEET	DRAWING NUMBER	DRAWING REV
	A1	3 OF 4	W11436188	C

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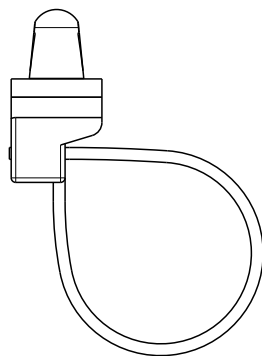


WIRE NUMBER	SPOOL NAME (GAUGE/COLOR/TEMP CLASS °C)	WIRE LENGTH (REFERENCE)	FROM				TO				REMARKS
			CONNECTION CODE	PIN NUMBER	CONNECTOR	TERMINAL	CONNECTION CODE	PIN NUMBER	CONNECTOR	TERMINAL	
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W-03	0.500000 / YELLOW / 70	360	J4B	5	51163-0600	50752-8200	SOFTNER VALVE	1	2133765-1	880646-1	
W-04	0.500000 / BLUE / 70	205	SOFTNER VALVE	2	2133765-1	880646-1	SOAP VALVE	2	2133765-1	880646-1	
W-05	0.200000 / WHITE / 70	285	J11	1	51163-0500	50752-8400	J1A	1	XARP-03V	SXA-001T-P0.6	
W-06	0.200000 / BLUE / 70	285	J11	3	51163-0500	50752-8400	J1A	3	XARP-03V	SXA-001T-P0.6	
W-07	0.200000 / RED / 70	285	J11	4	51163-0500	50752-8400	J1A	2	XARP-03V	SXA-001T-P0.6	
W-08	0.200000 / BLUE / 70	930	J6	1	51163-0400	50752-8400	REED SWITCH	1	-	-	SEE NOTE 12
W-09	0.200000 / BLUE / 70	930	J6	3	51163-0400	50752-8400	REED SWITCH	2	-	-	SEE NOTE 12
W-10	0.750000 / BLUE / 70	1295	J1	1	1-1969789-3	1217378-2	POWER CORD	3	-	-	-
W-11	0.750000 / BROWN / 70	1295	J1	2	1-1969789-3	1217378-2	POWER CORD	1	-	-	-
W-12	0.750000 /GREEN/YELLOW/ 70	1210	GROUND	1	YLR-01VF	SYM-41T-P0.5A	POWER CORD	2	-	-	-




SCALE 1:1

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
(G8-2, G7-2,
G5-2, G4-2, G3-2)

 Whirlpool Corporation Benton Harbor, MI USA	DESCRIPTION (ENGLISH)		UPPER HARNESS	
	DESCRIPTION (LOCAL)		REDE ELETRICA SUPERIOR	
	DRAWING SIZE	SHEET	DRAWING NUMBER	DRAWING REV
	A1	4 OF 4	W11436188	C

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")