

DRAWING No.: M80C108367C

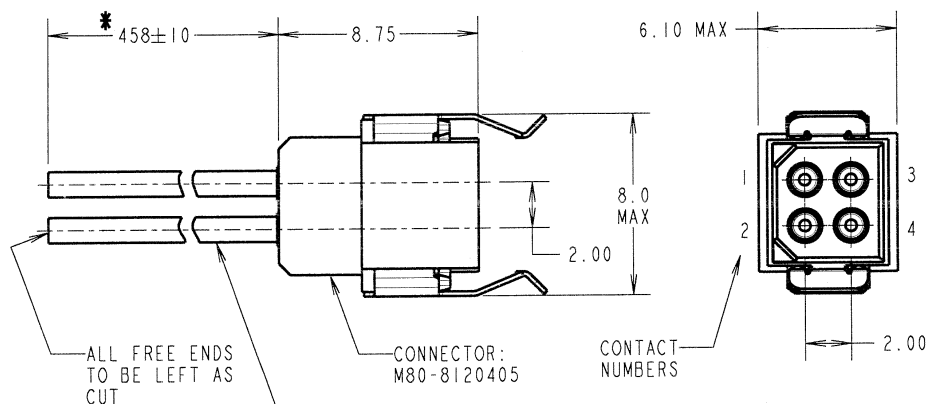
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



CONNECTOR:
M80-8120405

CONTACT
NUMBERS

Wires: 4-OFF STRANDED SILVER PLATED COPPER
WITH EXTRUDED TEFLON INSULATION.
SPECIFICATION: MIL-W-16878/4BDE-X (X DENOTES COLOR)
GAUGE: 26
STRANDING: 19/38
NOM. WALL THICKNESS: 0.010" (0.25mm)
NOM OUTSIDE DIAMETER: 0.041" (1.04mm)
VOLTAGE RATING: 600V
TEMP RANGE: -60°C TO +200°C

NOTES:

- ALL DIMENSIONS AND NOTES MARKED * ARE CRITICAL AND MUST BE CHECKED IN ACCORDANCE WITH QUALITY INSTRUCTION Q1-02.
- STRIP WIRE BY 2.00mm FOR CRIMPING.
- RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747.
ALSO AVAILABLE: PNEUMATIC AND ELECTRICAL CRIMP MACHINES.
- CONTACT INSERTION AND EXTRACTION TOOL = Z80-280
- REFER TO INSTRUCTION SHEET FOR HAND CRIMP TOOL M22520/2-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
- THIS ASSEMBLY IS RoHS COMPLIANT.

SPECIFICATIONS:

MATERIAL:
MOULDING = GLASS-FILLED POLYAMIDE 46, UL94V-0, BLACK
CLIP = BERYLLIUM COPPER
SHELL = BRASS

FINISH:
CONTACTS: 0.25-0.30µ GOLD
LATCH = 1.25µ NICKEL

ELECTRICAL:
CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
WORKING VOLTAGE = 120V AC/DC
VOLTAGE PROOF = 360V AC/DC
CONTACT RESISTANCE = 25 MILLIOHMS MAX
INSULATION RESISTANCE = 100 MEGOHMS MIN

MECHANICAL:
DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:
TEMPERATURE RANGE = -55°C TO +125°C

PACKING:
LOOSE

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

CONTACT NUMBER	WIRE COLOR
1	BLACK
2	BROWN
3	RED
4	ORANGE

JMB	2	16.03.06	9095
JMB	1	30.01.06	----
JMB	A	16.01.06	----

NAME	ISS.	DATE	C/NOTE
APPROVED: <i>JB</i>			
CHECKED: <i>DMC</i>			
DRAWN: JM BROOKES			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

HARWIN USA
TEL: 603 893 5376
FAX: 603 893 5396
mis@harwin.com

HARWIN Europe (UK)
TEL: 023 9231 4545
FAX: 023 9231 4590
mis@harwin.co.uk

HARWIN Asia
TEL: +65 6 779 4909
FAX: +65 6 779 3868
mis@harwin.com.sg

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TOLERANCES

X. = ±1mm
X.X = ±0.25mm
X.XX = ±0.10mm
X.XXX = ±0.01mm

ANGLES = ±5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

mm²

TITLE:

DATAMATE DIL CRIMP LATCH
PLUG ASSEMBLY (2+2)

DRAWING NUMBER:

M80C108367C

SHT

1 OF 1

DRAWING No.: M80C108368C

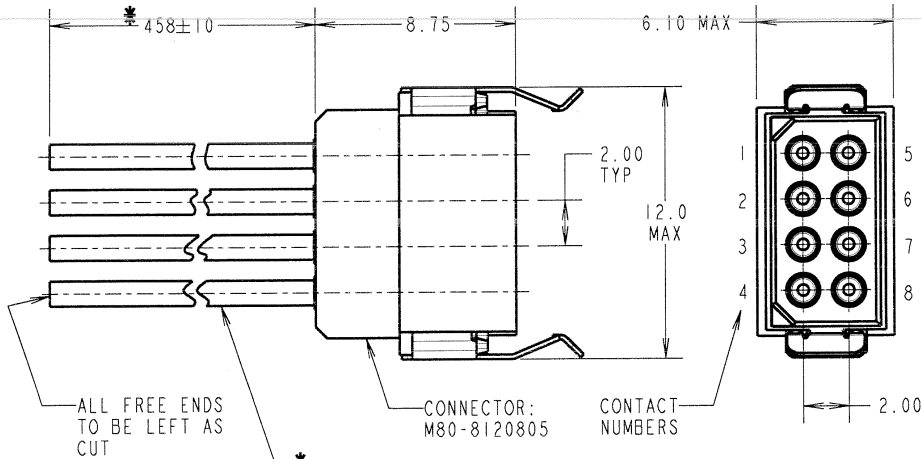
IF IN DOUBT - ASK



NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:
 MOULDING = GLASS-FILLED POLYAMIDE 46, UL94V-0, BLACK
 CLIP = BERYLLIUM COPPER
 SHELL = BRASS
 FINISH:
 CONTACTS = 0.25µ-0.30µ GOLD
 LATCH = 1.25µ NICKEL
 ELECTRICAL:
 CURRENT RATING AT 25°C = 3.0A MAX
 CURRENT RATING AT 85°C = 2.2A MAX
 WORKING VOLTAGE = 120V AC/DC
 VOLTAGE PROOF = 360V AC/DC
 CONTACT RESISTANCE = 25 MILLIOHMS MAX
 INSULATION RESISTANCE = 100 MEGOHMS MIN
 MECHANICAL:
 DURABILITY = 500 OPERATIONS
 ENVIRONMENTAL:
 TEMPERATURE RANGE = -55°C TO +125°C
 PACKING:
 LOOSE
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

WIRES: 8-OFF STRANDED SILVER PLATED COPPER WITH EXTRUDED TEFLON INSULATION.
 SPECIFICATION: MIL-W-16878/4BDE-X (X DENOTES COLOR)
 GAUGE: 26
 STRANDING: 19/38
 NOM. WALL THICKNESS: 0.010" (0.25mm)
 NOM OUTSIDE DIAMETER: 0.041" (1.04mm)
 VOLTAGE RATING: 600V
 TEMP RANGE: -60°C TO +200°C

NOTES:

- ALL DIMENSIONS AND NOTES MARKED * ARE CRITICAL AND MUST BE CHECKED IN ACCORDANCE WITH QUALITY INSTRUCTION Q1-02.
- STRIP WIRE BY 2.00mm FOR CRIMPING.
- RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. ALSO AVAILABLE: PNEUMATIC AND ELECTRICAL CRIMP MACHINES.
- CONTACT INSERTION AND EXTRACTION TOOL = Z80-280
- REFER TO INSTRUCTION SHEET FOR HAND CRIMP TOOL M22520/2-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
- THIS ASSEMBLY IS RoHS COMPLIANT.

CONTACT NUMBER	WIRE COLOR
1	BLACK
2	BROWN
3	RED
4	ORANGE
5	YELLOW
6	GREEN
7	BLUE
8	VIOLET

JMB	2	16.03.06	9095
JMB	1	30.01.06	----
JMB	A	16.01.06	----
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>[Signature]</i>			
CHECKED: <i>[Signature]</i>			
DRAWN: JM BROOKES			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES
 X. = ±1mm
 X.X = ±0.25mm
 X.XX = ±0.10mm
 X.XXX = ±0.01mm
 ANGLES = ±5°
 UNLESS STATED

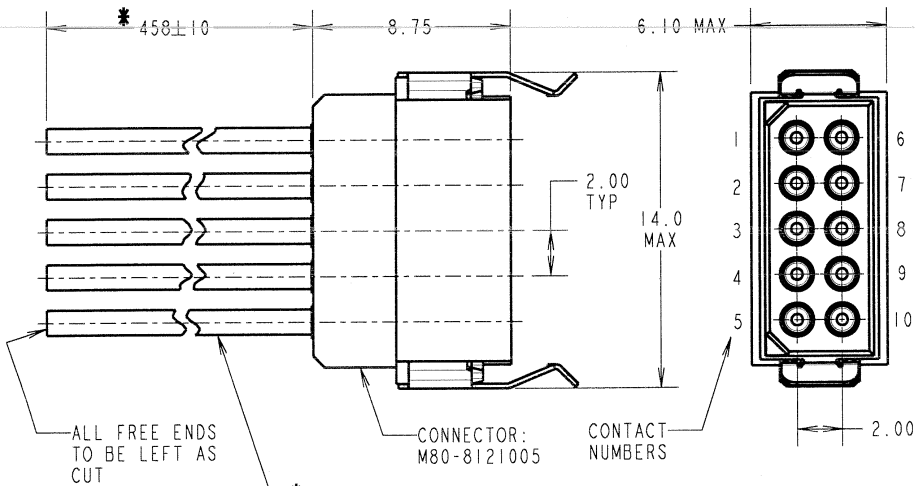
MATERIAL: SEE ABOVE
 FINISH: SEE ABOVE
 S/AREA: mm²

TITLE: DATAMATE DIL CRIMP LATCH PLUG ASSEMBLY (4+4)

DRAWING NUMBER: M80C108368C

SHT 1 OF 1

HARWIN USA TEL: 603 893 5376 FAX: 603 893 5396 mis@harwin.com	HARWIN Europe (UK) TEL: 023 9231 4545 FAX: 023 9231 4590 mis@harwin.co.uk	HARWIN Asia TEL: +65 6 779 4909 FAX: +65 6 779 3868 mis@harwin.com.sg
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SPECIFICATIONS:
MATERIAL:
 MOULDING = GLASS-FILLED POLYAMIDE 46, UL94V-0, BLACK
 CLIP = BERYLLIUM COPPER
 SHELL = BRASS
FINISH:
 CONTACTS = 0.25µ-0.30µ GOLD
 LATCH = 1.25µ NICKEL
ELECTRICAL:
 CURRENT RATING AT 25°C = 3.0A MAX
 CURRENT RATING AT 85°C = 2.2A MAX
 WORKING VOLTAGE = 120V AC/DC
 VOLTAGE PROOF = 360V AC/DC
 CONTACT RESISTANCE = 25 MILLIOHMS MAX
 INSULATION RESISTANCE = 100 MEGOHMS MIN
MECHANICAL:
 DURABILITY = 500 OPERATIONS
ENVIRONMENTAL:
 TEMPERATURE RANGE = -55°C TO +125°C
PACKING:
 LOOSE
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

* WIRES: 10-OFF STRANDED SILVER PLATED COPPER WITH EXTRUDED TEFLON INSULATION.
 SPECIFICATION: MIL-W-16878/4BDE-X (X DENOTES COLOR)
 GAUGE: 26
 STRANDING: 19/38
 NOM. WALL THICKNESS: 0.010" (0.25mm)
 NOM. OUTSIDE DIAMETER: 0.041" (1.04mm)
 VOLTAGE RATING: 600V
 TEMP RANGE: -60°C TO +200°C

CONTACT NUMBER	WIRE COLOR
1	BLACK
2	BROWN
3	RED
4	ORANGE
5	YELLOW
6	GREEN
7	BLUE
8	VIOLET
9	GRAY
10	WHITE

JMB	2	16.03.06	9095
JMB	1	30.01.06	----
JMB	A	16.01.06	----
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>[Signature]</i>			
CHECKED: <i>[Signature]</i>			
DRAWN: JM BROOKES			
CUSTOMER REF.:			
ASSEMBLY DRG:			

- NOTES:**
- ALL DIMENSIONS AND NOTES MARKED * ARE CRITICAL AND MUST BE CHECKED IN ACCORDANCE WITH QUALITY INSTRUCTION Q1-02.
 - STRIP WIRE BY 2.00mm FOR CRIMPING.
 - RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. ALSO AVAILABLE: PNEUMATIC AND ELECTRICAL CRIMP MACHINES.
 - CONTACT INSERTION AND EXTRACTION TOOL = Z80-280
 - REFER TO INSTRUCTION SHEET FOR HAND CRIMP TOOL M22520/2-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
 - THIS ASSEMBLY IS RoHS COMPLIANT.



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HARWIN USA TEL: 603 893 5376 FAX: 603 893 5396 mis@harwin.com	HARWIN Europe (UK) TEL: 023 9231 4545 FAX: 023 9231 4590 mis@harwin.co.uk	HARWIN Asia TEL: +65 6 779 4909 FAX: +65 6 779 3868 mis@harwin.com.sg					

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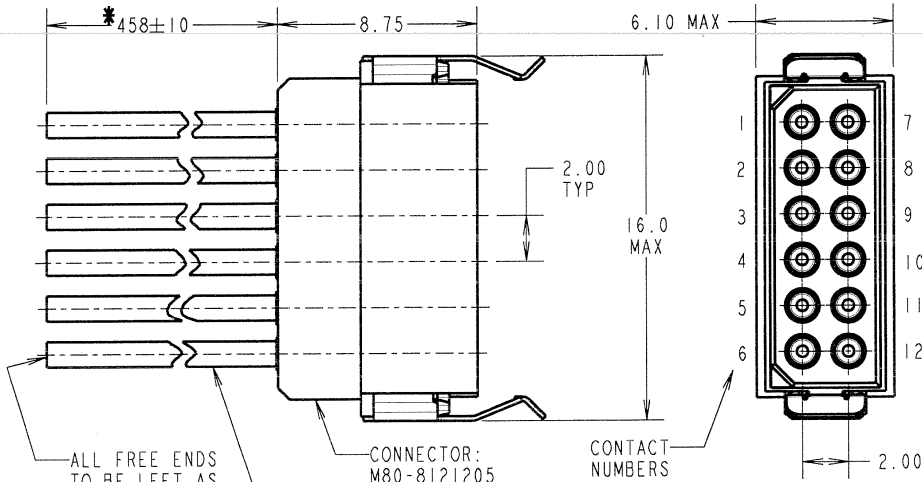
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(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:
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 CONTACT RESISTANCE = 25 MILLIOHMS MAX
 INSULATION RESISTANCE = 100 MEGOHMS MIN

MECHANICAL:
 DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:
 TEMPERATURE RANGE = -55°C TO +125°C

PACKING:
 LOOSE
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

CONNECTOR: M80-8121205

CONTACT NUMBERS

WIRES: 12-OFF STRANDED SILVER PLATED COPPER WITH EXTRUDED TEFLON INSULATION.
 SPECIFICATION: MIL-W-16878/4BDE-X (X DENOTES COLOR)
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 NOM. WALL THICKNESS: 0.010" (0.25mm)
 NOM OUTSIDE DIAMETER: 0.041" (1.04mm)
 VOLTAGE RATING: 600V
 TEMP RANGE: -60°C TO +200°C

CONTACT NUMBER	WIRE COLOR
1	BLACK
2	BROWN
3	RED
4	ORANGE
5	YELLOW
6	GREEN
7	BLUE
8	VIOLET
9	GRAY
10	WHITE
11	WHITE / BLACK STRIPE
12	WHITE / BROWN STRIPE

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JMB	1	30.01.06	----
JMB	A	16.01.06	----

NAME	ISS.	DATE	C/NOTE
APPROVED: <i>[Signature]</i>			
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 UNLESS STATED

MATERIAL: SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE: DATAMATE DIL CRIMP LATCH PLUG ASSEMBLY (6+6)

DRAWING NUMBER: M80C108370C

SHT 1 OF 1