

DRAWING No.: M80C108371C

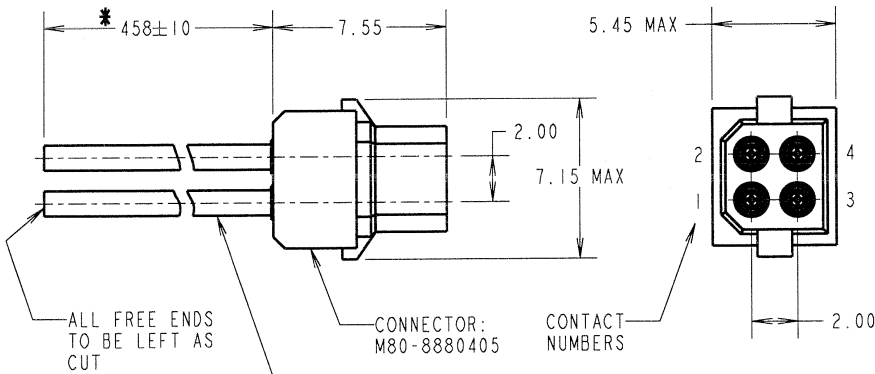
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



* 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

SPECIFICATIONS:

MATERIAL:
 MOULDING = GLASS-FILLED POLYESTER, UL94V-0, BLACK
 CLIP = BERYLLIUM COPPER
 SHELL = BRASS
 FINISH:
 CONTACTS: 0.30µ GOLD CLIP, 0.28µ GOLD SHELL
 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
 INSERTION FORCE (Ø0.5mm GAUGE) = 2.8N MAX
 WITHDRAWAL FORCE (Ø0.5mm GAUGE) = 0.2N MIN
 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>[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.



HARWIN

HARWIN USA
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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 SOCKET
 CABLE ASSEMBLY (2+2)
 DRAWING NUMBER:
M80C108371C

SHT
 1
 OF 1

DRAWING No.: M80C108372C

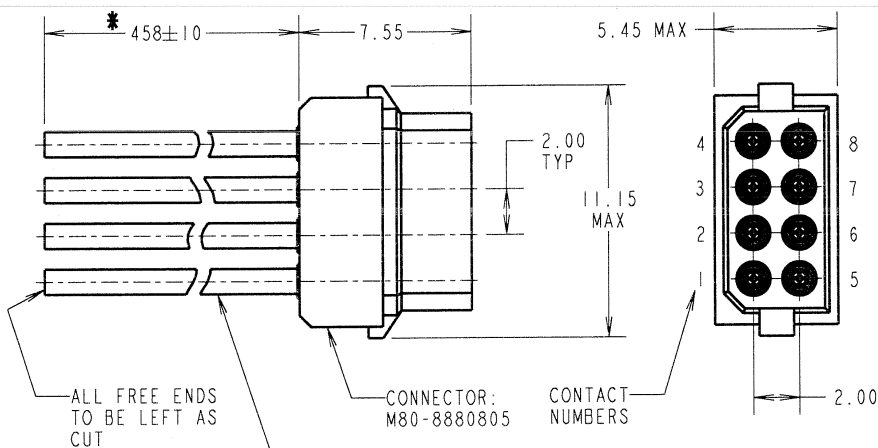
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©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



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 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
5	YELLOW
6	GREEN
7	BLUE
8	VIOLET

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DRAWN: JM BROOKES			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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 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 SOCKET
 CABLE ASSEMBLY (4+4)

DRAWING NUMBER:
M80C108372C

SHT
 1 OF 1

DRAWING No.: M80C108373C

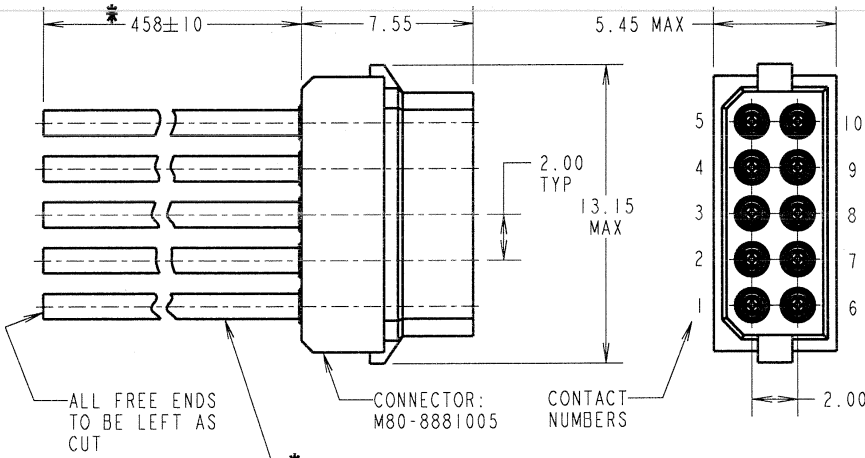
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(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

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 TEMPERATURE RANGE = -55°C TO +125°C

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

CONNECTOR: M80-8881005
 CONTACT NUMBERS

* 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

NAME	ISS.	DATE	C/NOTE
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JMB	A	16.01.06	----
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ASSEMBLY DRG:			

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 X.XXX = ±0.01mm
 ANGLES = ±5°
 UNLESS STATED

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

TITLE: DATAMATE DIL CRIMP SOCKET CABLE ASSEMBLY (5+5)
DRAWING NUMBER: M80C108373C
SHT 1 **OF** 1

DRAWING No.: M80C108374C

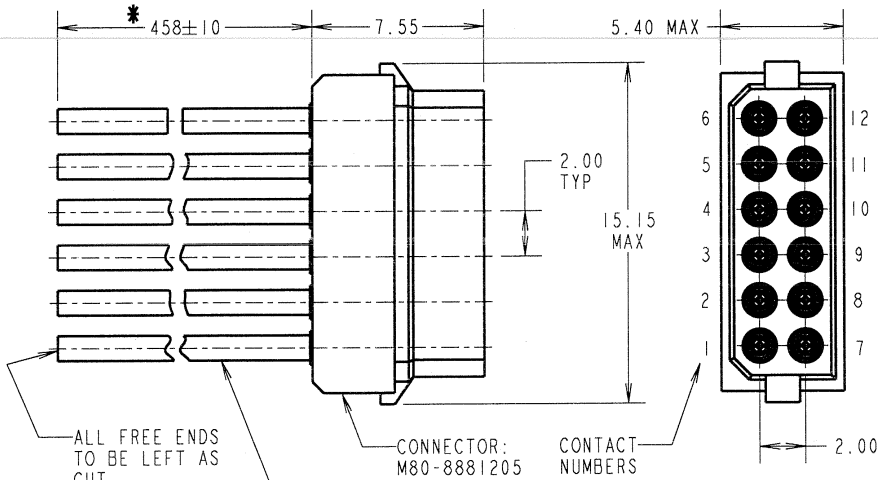
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DURABILITY = 500 OPERATIONS

INSERTION FORCE (\varnothing 0.5mm GAUGE) = 2.8N MAXWITHDRAWAL FORCE (\varnothing 0.5mm GAUGE) = 0.2N MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

LOOSE

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

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2	BROWN
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4	ORANGE
5	YELLOW
6	GREEN
7	BLUE
8	VIOLET
9	GRAY
10	WHITE
11	WHITE / BLACK STRIPE
12	WHITE / BROWN STRIPE

NAME	ISS.	DATE	C/NOTE
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X.XXX = \pm 0.01mm
ANGLES = \pm 5°
UNLESS STATED

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

TITLE: DATAMATE DIL CRIMP SOCKET
CABLE ASSEMBLY (6+6)

DRAWING NUMBER:

M80C108374C

SHT
1
OF
1