

Date: 12/05/2023 Page: 1 of 1

Number: 001B-S-2023

Grounding Connectors for Conductor or Tube



MacLean Power is updating the catalog number of grounding connectors for conductor/tube that will require our customers to update their system and orders to the new catalog number.

Reason for this action: MacLean has added capacity to improve lead times of these grounding connectors and an updated catalog number is required to trace the changeover.

Catalog numbers effected:

Old Catalog #	New Catalog #
03-M-022-25	03-M-022A-25
03-M-023-25	03-M-023A-25
HC-10019-25	HC-10019A-25

Applicable Q&A:

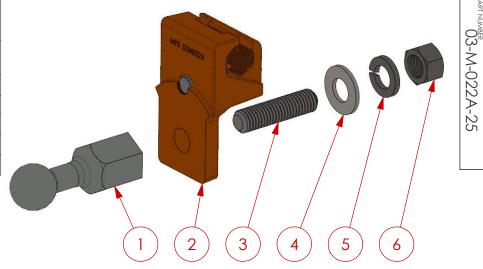
- Question: Has the current capacity or fault ratings changed? Answer: No. The connectors have been fault current tested and meet or exceed the same ratings and standards as before.
- Question: Has the function or dimensions changed? Answer: The function of the connectors is the same. There will be minor differences in size. Drawings of the effected connectors are available.
- Question: Are open orders effected by the change? Answer: Yes, it will be necessary to update some open orders to the new catalog number. MacLean Power Customer Account Specialists will reach out to those effected.

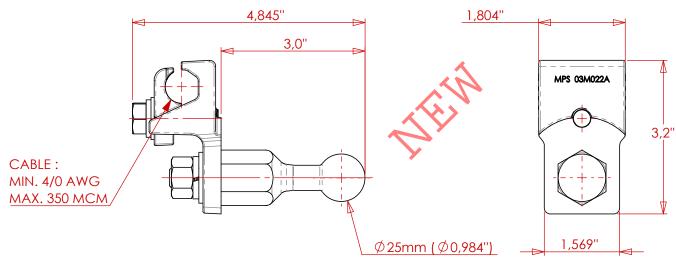
Please direct additional questions to your Customer Account Specialist at 855-MPS-SHIP.

Thank you, Ron Kmiecik Director of Product Management (Ph: 803-628-4366)



ITEM	DESCRIPTION	MATERIAL	QTY.
1	25MM GROUND BALLSTUD	COPPER C110-ETP TINNED 0.0003" BY MIL-T-10727 TYPE 1	1
2	GROUNDING CONNECTOR	uns C83300 bronze	1
3	SET SCREW 1/2-13 X 2" LENGTH	STAINLESS STEEL 18-8	1
4	1/2" FLAT WASHER	STAINLESS STEEL 18-8, 304 GRADE	1
5	1/2" LOCK WASHER	STAINLESS STEEL 18-8, 304 GRADE	1
6	1/2"-13 HEX. NUT	STAINLESS STEEL 316	1

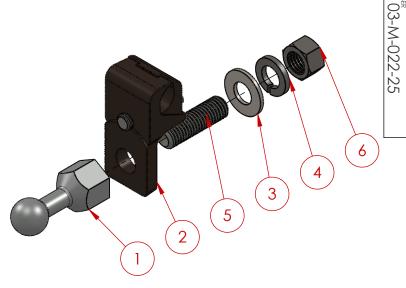




- 1. Permanent ball stud grounding connector to install on vertical riser tube, solid rod, or conductor for easy installation of temporary grounding sets
- 2. Qualification: 40.25kA 17.25 cycles as per ASTM F855-19A
- 3. Stainless steel hardware included
- 4. Recommanded installation torque: 22lb-ft

	UNLESS OTHERV ALL DIMENSIONS			25MM GROUNI	DING CONNECTO	OR, 4/0 @ 350 MCM	2023-11-29 PROJECT NUMBER
	TOLERAN	CES ARE:	₩ ⇒ MacLean				369
	.X	± 0.031					SAP
	.XX	± 0.010	V POWER SYSTEMS	SCALE	PAGE	PRODUCT NUMBER	_
	.XXX	± 0.005	225 Ford, Châteauguay (Qué.) Canada J6J 4Z2	1.0	1 1		0004 05
	ANGLES	+/- 1°	Tel. (450) 698-0520 Fax: (450) 692-5670	1:2	I of I	03-M-	-022A-25
at ic the	roperty of MacLean Pow	or Systems Canada - Lles	of MacLean's confidential information without MacLean's express	written concept is strictly prohibited	d and may expose you to legal liability	If you believe that you received this materia	al in error, please destroy it or return it to

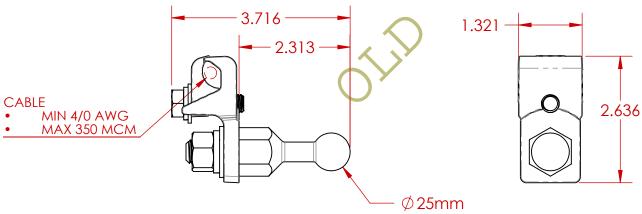
ITEM	DESCRIPTION	MATERIAL	QTY.
1	25MM GROUND BALLSTUD	COPPER C110-ETP TINNED 0,0003" BY MIL-T-10727 TYPE 1	1
2	GROUNDING CONNECTOR	CDA 833 BRONZE	1
3	1/2" FLAT WASHER	STAINLESS STEEL 18-8 304 GRADE	1
4	1/2" LOCK WASHER	STAINLESS STEEL 18-8 304 GRADE	1
5	SET SCREW 1/2-13 X 1.75" LENGTH	STAINLESS STEEL 18-8	1
6	1/2"-13 HEX. NUT	STAINLESS STEEL 316	1



DESCRIPTION

DATE

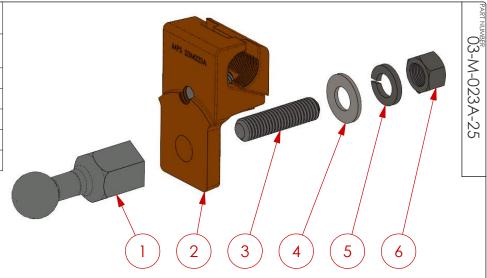
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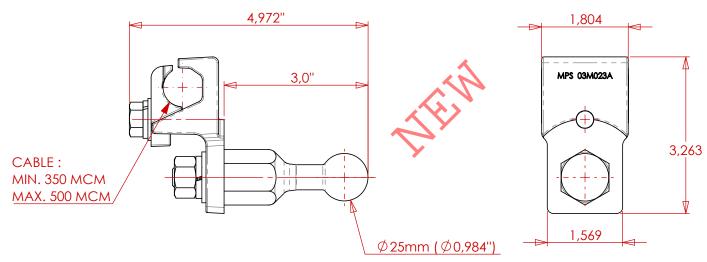


- 1. Permanent ball stud grounding connector to install on vertical riser tube, solid rod, or conductor for easy installation of temporary grounding sets
- 2. Meets ASTM and IEC standards
- 3. Stainless steel hardware included
- 4. Recommanded installation torque: 20lb-ft

	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES			GROUNDING C	PROJECT NUMBER 2016-08-25 PART NUMBER		
	TOLERAN	tCES ARE: ± 0.031	₩⇒ MacLean [™]				PRODUCT NUMBER
	.XX .XXX	± 0.010 ± 0.005	POWER SYSTEMS	SCALE	PAGE	MATERIAL	DRAWING NUMBER
confidential information that is the	ANGLES	+/- 1°	225 Ford, Châteauguay (Qué.) Canada J6J 4Z2 Tel. (450) 698-0520 Fax: (450) 692-5670	1:2	1 of 1		rial in error, please destroy it or return it to

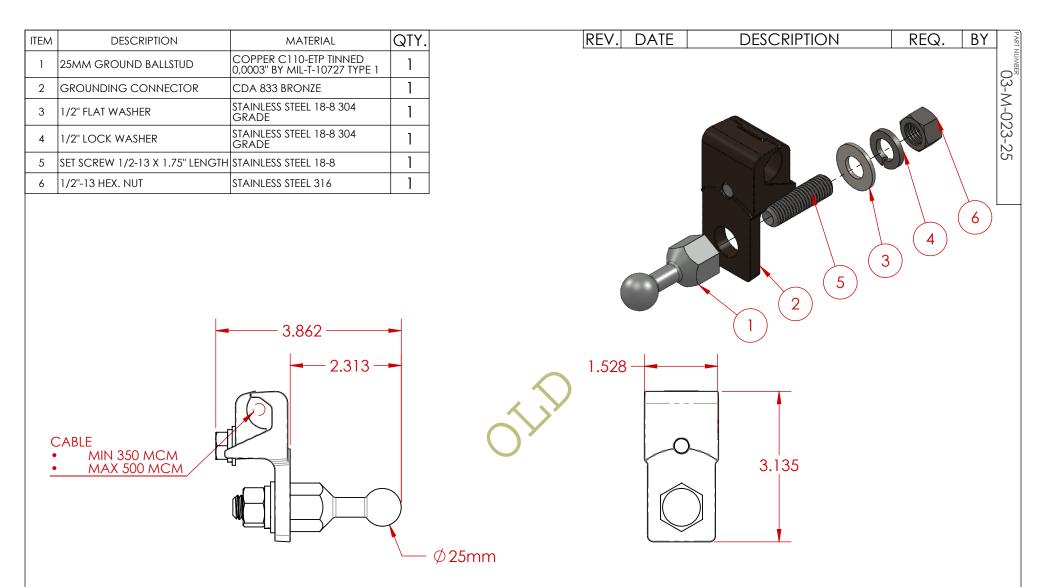
ITEM	DESCRIPTION	MATERIAL	QTY.
1	25MM GROUND BALLSTUD	COPPER C110-ETP TINNED 0.0003" BY MIL-T-10727 TYPE 1	1
2	GROUND CONNECTOR	uns C83300 bronze	1
3	SET SCREW 1/2-13 X 2" LENGTH	STAINLESS STEEL 18-8	1
4	1/2" FLAT WASHER	STAINLESS STEEL 18-8, 304 GRADE	1
5	1/2" LOCK WASHER	STAINLESS STEEL 18-8, 304 GRADE	1
6	1/2"-13 HEX. NUT	STAINLESS STEEL 316	1





- 1. Permanent ball stud grounding connector to install on vertical riser tube, solid rod, or conductor for easy installation of temporary grounding sets
- 2. Qualification: 40.25kA 17.25 cycles as per ASTM F855-19A
- 3. Stainless steel hardware included
- 4. Recommanded installation torque: 22lb-ft

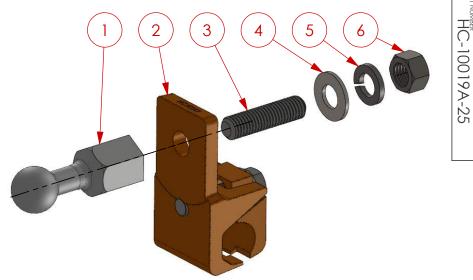
UNLESS OTHERN ALL DIMENSIONS			25MM GR	OUNDI	NG CONNECTO	R, 350 @ 500 MCM	DRAWN ON 2023-11-29 PROJECT NUMBER 2 1 2
toleran .X	CES ARE: ± 0.031	MacLean MacLean					369 SAP
.XXX	± 0.010 ± 0.005	POWER SYSTEMS	SCALE	PAG	GE	PRODUCT NUMBER	
ANGLES	+/- 1°	225 Ford, Châteauguay (Qué.) Canada J6J 4Z2 Tel. (450) 698-0520 Fax: (450) 692-5670	1:2		1 of 1	03-M-	023A-25



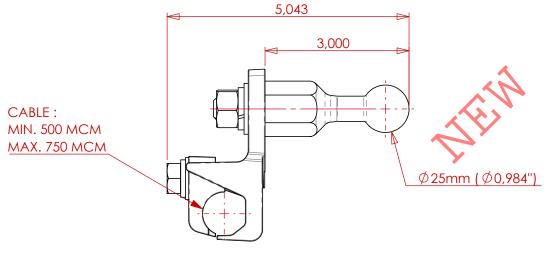
- 1. Permanent ball stud grounding connector to install on vertical riser tube, solid rod, or conductor for easy installation of temporary grounding sets
- 2. Meets ASTM and IEC standards
- 3. Stainless steel hardware included
- 4. Recommanded installation torque: 20lb-ft

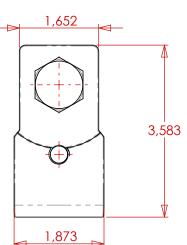
	HERWISE SPECIFIED, SIONS ARE IN INCHES		description GROUNDING C	PROJECT NUMBER 2016-08-25 PART NUMBER		
TOL .X	ERANCES ARE: ± 0.031	MacLean [®]				PRODUCT NUMBER
.XX	± 0.010	POWER SYSTEMS	SCALE	PAGE	MATERIAL	DRAWING NUMBER
XXX.	± 0.005	225 Ford, Châteauguay (Oué.) Canada, 16 I 472	1.0	1 . 1	- 00 14	000.05
ANGLE	· · · · · · · · · · · · · · · · · · ·	225 Ford, Châteauguay (Qué.) Canada J6J 4Z2 Tel. (450) 698-0520 Fax: (450) 692-5670	1,2	I of I		-023-25

ITEM	DESCRIPTION	MATERIAL	QTY.
1	25MM GROUND BALLSTUD	COPPER C110-ETP TINNED 0.0003" BY MIL-T-10727 TYPE 1	1
2	GROUNDING CONNECTOR	UNS C83300 BRONZE	1
3	SET SCREW 1/2-13 X 2" LENGTH	STAINLESS STEEL 18-8	1
4	1/2" FLAT WASHER	STAINLESS STEEL 18-8, 304 GRADE	1
5	1/2" LOCK WASHER	STAINLESS STEEL 18-8, 304 GRADE	1
6	1/2"-13 HEX. NUT	STAINLESS STEEL 316	1



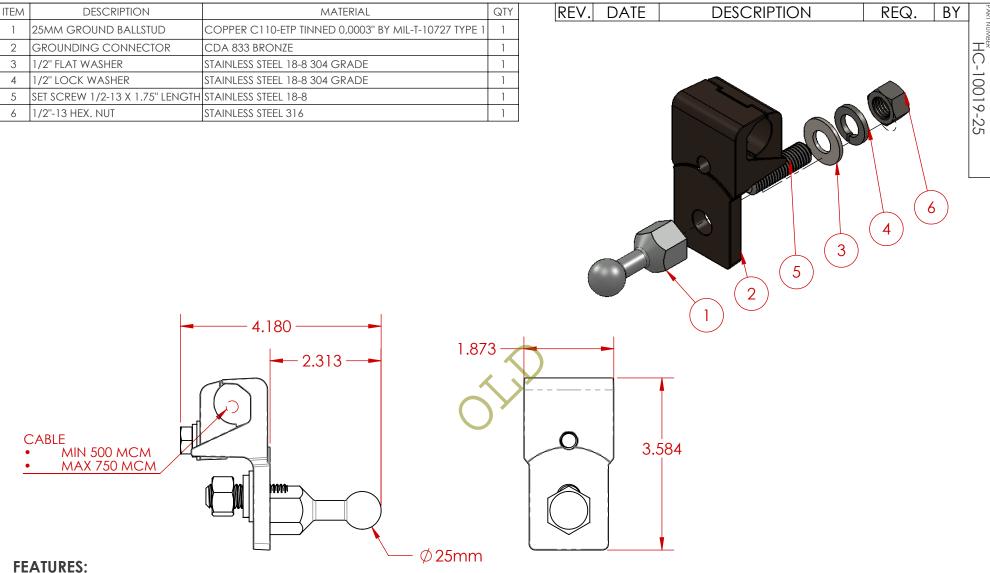
2023-11-29





- 1. Permanent ball stud grounding connector to install on vertical riser tube, solid rod, or conductor for easy installation of temporary grounding sets
- 2. Qualification: 40.25kA 17.25 cycles as per ASTM F855-19A
- 3. Stainless steel hardware included
- 4. Recommanded installation torque: 22lb-ft

UNLESS OTHERW			25 MM GROUN	IDING CONNECTO	OR, 500 @ 750 MCM	
TOLERAN		44- MacLoan				PROJECT NUMBER 369
.X .XX	± 0.031 ± 0.010	MacLean MacLean				SAP _
.xxx	± 0.010	225 Ford, Châteauguay (Qué.) Canada J6J 4Z2	SCALE	PAGE	PRODUCT NUMBER	20104 05
ANGLES	+/- 1°	Tel. (450) 698-0520 Fax: (450) 692-5670	1:2	I of I	HC-10	0019A-25



- Permanent ball stud grounding connector to install on vertical riser tube, solid rod, or conductor for easy installation of temporary grounding sets
- 2. Meets ASTM and IEC standards
- Stainless steel hardware included 3.
- Recommanded installation torque: 20lb-ft

	UNLESS OTHERV ALL DIMENSIONS			GROUNDING C	CONNECTOR		PART NUMBER PART NUMBER
	TOLERANCES ARE: .X ± 0.031						PRODUCT NUMBER
	.XX	± 0.010	POWER SYSTEMS	SCALE	PAGE	MATERIAL	DRAWING NUMBER
	.XXX ANGLES	± 0.005 +/- 1°	225 Ford, Châteauguay (Qué.) Canada J6J 4Z2 Tel. (450) 698-0520 Fax: (450) 692-5670	1:2	1 of 1	- HC-1	0019-25
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