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CATALOG NUMBER	CONDUCTOR RANGE SOL. (MIN.- MAX.)	DIM A	DIM B	DIM C	HARDWARE BOLT HEAD (HEX.)	BOLT SIZE	APPROX. WT. EACH LB. [KG]	STANDARD PACK
GC8002GL*	#8 - #2	1 3/8 [34.99]	11/4 [31.81]	7/8 [22.27]	9/16 [14.32]	5/16 [7.95]	.16 [.07]	50
GC8010GL*	#8 - 1/0	1 1/2 [38.18]	13/8 [34.99]	1 [25.45]	9/16 [14.32]	5/16 [7.95]	.24 [.11]	50
GC8020GL*	#8 - 3/0	1 3/4 [44.54]	13/8 [34.99]	11/8 [28.63]	9/16 [14.32]	5/16 [7.95]	.33 [.15]	25
GC8040GL*	#6 - 4/0	2 3/8 [60.44]	11/2 [38.18]	11/2 [38.18]	9/16 [14.32]	3/8 [9.54]	.62 [.28]	50

ITEM	DESCRIPTION	MATERIAL
1	MALE CASTING	BRONZE
2	FEMALE CASTING	BRONZE
3	SPACER	BRONZE
4	BOLT	STAINLESS STEEL
5	WASHER	STAINLESS STEEL
6	GROMMET	NEOPRENE

Technical drawing showing the front view of the parallel connector. Dimension A is the total height, B is the width of the main body, and C is the distance between the conductor entry points. Callout 4 points to the bottom mounting flange, and callout 6 points to the grommet on the left side.

Technical drawing showing the side view of the parallel connector. Callout 1 points to the top male casting, 2 to the bottom female casting, 3 to the central spacer, and 5 to the bottom mounting flange.

3D CAD model of the parallel connector, showing the male and female castings, spacer, and mounting flange. The marking 'XX SPS XX' is visible on the top casting.

NOTES:

1. ALL DIMENSIONS ARE FOR REFERENCE ONLY. DISTANCE IN. [MM], FORCE: LBS-Force [kN], TORQUE IN. LBS. [N.m], & WEIGHT LBS. [KG].
2. RATINGS:
 - A. RECOMMENDED TORQUE: 5/16 HARDWARE - 180 IN.LBS [20.34]
3/8 HARDWARE - 240 IN.LBS [27.12]
3. CERTIFICATIONS, SPECIFICATIONS & STANDARDS:
 - A. * RUS LISTED.
 - B. ANSI C119.4
4. A SUFFIX IS ADDED TO THE CATALOG NUMBER TO DESIGNATE THE REQUIRED FITTINGS AS SHOWN IN THE TABULATION (EXAMPLE:GC8040GL) :
 - "G" - GROMMETS
 - "L" - FACTORY INHIBITED AND BAGGED
 - "P" - TIN PLATED CASTINGS

EC #	DATE	CHANGED BY	CHECKED BY	APPROVED BY
230822032798	08/22/23	BM	SI	AS
DESCRIPTION:				WEIGHT, LBS
TEMPLATE UPDATED				SEE TABLE
ONE GROMMET REMOVED				
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ADDITIONAL COMMENTS: -				

THIRD ANGLE PROJECTION

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TITLE: PARALLEL CONNECTOR CU, GROOVE VISE, TYPE GC80XX.

CATALOG NUMBER: SEE TABLE

SIZE	DWG NO.	PART / ASSY NO.	REV
C	CC-25843	SEE TABLE	1

SCALE: 2 : 1 DRN BY: ADD DATE: 11/06/18 SHEET 1 OF 1

WI-ENG-142 - 111020-R1

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