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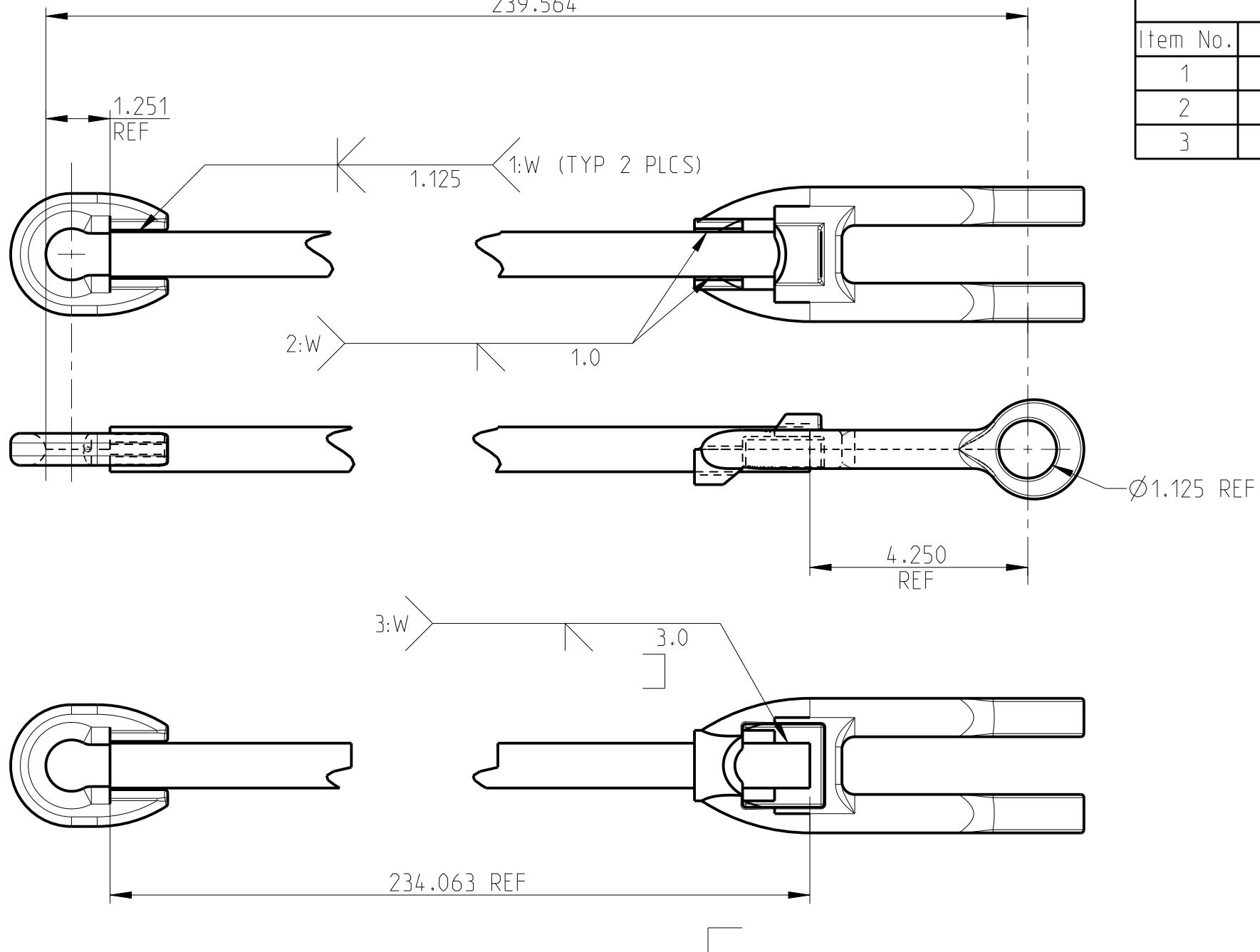
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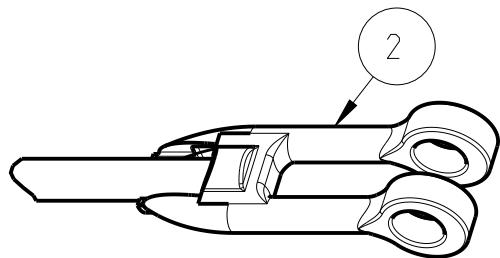
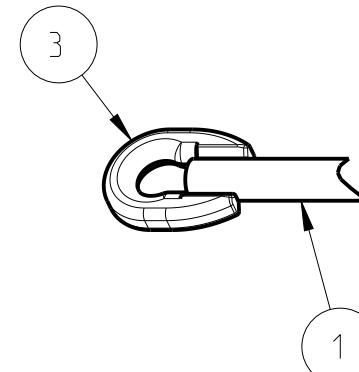
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239.564



BILL OF MATERIAL

Item No.	Part No.	Description	Quantity
1	00594-643	ROUND, DIA. 7/8" X 234 1/16", ASTM A-36	1
2	10222-034	BRAKE ROD JAW, 7/8" DIA. ROD	1
3	10249-016	BRAKE ROD EYE, 7/8" DIA ROD	1



C 04-19-22 MCH	MCH	PER ECO CAS600752, ITEM NO. 2
PART NO.	10222-034	WAS SHOWN AS 10222-028.
B 12-22-15 MHK	ECO ROA400505: REMOVED 1.5"	FROM LENGTH AND REPLACED CUT TO SIZE ROD.
A 08-20-15 MHK	ECO ROA400443: REPLACED	10222-009 WITH 10222-028.

Level	Date	Approved	Description
REVISIONS			

FreightCar America

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Standard Tolerances (Unless Noted)

Decimal Dimensions ± 0.063	Hole Diameters ± 0.031
Diagonals 0.125 Max. Variation	Angles $\pm 1^\circ$
Radii will be thickness of material	Tolerances are not accumulative

Made By: DJN	Date: 07-20-15	Ref Dwg: N/A
Approved: MHK	Do Not Scale Drawing	Est. Wt: 42.76 lbs

ASSEMBLY, HAND BRAKE ROD

Size	Drawing / Part Number	Rev.
B	A12169-000	C

NOTE:

- ALL WELDING TO BE IN ACCORDANCE WITH RAILROAD WELDING SPECIFICATION AWS D15.1, LATEST REVISION, AND TO BE CLASS 2 UNLESS OTHERWISE NOTED.
- UNLESS OTHERWISE NOTED, ALL WELD LENGTHS SHOWN ARE MINIMUM LENGTHS. WELD TERMINATIONS FOR FILLET WELDS MUST HAVE A MINIMUM EDGE DISTANCE OF 0.250.