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LOC		DIST		REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD				
GP	00			A		REVISED PER ECO-14-011808	09AUG2014	AP	SB

Top view of the RCPT connector showing dimensions and contact layout. Dimensions include: .103 .097 R TYP, 1.511, 10° O' TYP, .120 DIA 2 HOLES, .311, .509 MAX, .112 TYP, 1.852, 2.103 MAX, and .109 TYP. Contact positions are numbered 1 through 25.

① RCPT CONNECTOR
 INSERTS: GLASS-FILLED PBT OR GLASS-FILLED NYLON, UL94V-0 RATED. COLOR: BLACK
 SHELLS: STEEL PER ASTM A109, PLATED, .000200 MIN TIN OVER .000100 MIN COPPER UNDERPLATE.

SECTION D-D
 SCALE 4:1
 Dimensions: .020 R TYP REF, 91° O' TYP REF, 10° O' TYP.

Front view of the connector showing dimensions and features. Dimensions include: .243, .040 .020 TYP, .070 .030 TYP, 48° ±2° TYP, .040 ±.015 R TYP, .130 ±.015 R TYP, .195 MAX TYP, .495 ±.015 TYP, 1.079 REF TYP, 1.273 ±.015 TYP, 1.535 ±.015 TYP, and 1.576 MAX.

Side view of the connector showing dimensions and shield details. Dimensions include: .324 ±.015, .395 DIA, INSIDE SHIELD, and OUTSIDE SHIELD. Callout 3 is used for shield dimensions.

SECTION E-E
 SCALE 4:1
 Dimensions: .020 R TYP REF, .020 R TYP REF.

VIEW OF REAR SHELL (WITH SHIELDS REMOVED)
 Dimensions: 11 SLOTS TO ATTACH AND ORIENT SHIELDS, .462 MAX, and 1.645 MAX.

FERRULE (MUST BE PURCHASED SEPARATELY)

① RCPT ACCEPTS SIZE 20 SOCKET CONTACTS (CONTACTS MUST BE ORDERED SEPARATELY).
 2. ALL PARTS SHIPPED UNASSEMBLED, EACH PART INDIVIDUALLY BULK PACKED.
 ③ SHIELDS: MATERIAL—.020 THICK STEEL, PER ASTM A109, PLATED .000200 MIN TIN OVER .000100 MIN COPPER UNDERPLATE.
 ④ RAISED CAVITY IDENTIFICATION AND AMP TRADEMARK.

1658649-1
 PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	J.REITZEL	31JUL03		TE Connectivity		
DIMENSIONS: INCHES		CHK	S.BOLASH	31JUL03		NAME		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	M.WALMSLEY	31JUL03		PRODUCT SPEC		
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± 0° 30'		APPLICATION SPEC		108-40030				
MATERIAL		WEIGHT		SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO
SEE CALL OUT ③		SEE CALL OUT ③		114-40030		A2	00779	1658649
		CUSTOMER DRAWING		SCALE		SHEET		REV
				4:1		1 of 1		A

1471-9 (3/11)

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